



DOC NUMBER:
569-DB7B-AIC-700-002

CLIENT NUMBER:
PRD-AIC-DSH-002

CLIENT:
TAKEDA/BAXALTA

PROJECT:
BURITI EPCVM PROJECT

DATA SHEET - DRUG SUBSTANCE TRANSMITTERS PRESSURE-TEMPERATURE-HUMIDITY

REV	DATE	DESCRIPTION	EXEC	CHECK	APPROV
2	27JAN2022	ISSUED FOR CONSTRUCTION CONSIDERING COMMENTS	MAV	MAF	RSP
1	25NOV2021	ISSUED FOR CONSTRUCTION CONSIDERING COMMENTS	MAB	MAF	RSP
0	30JUL2021	ISSUED FOR CONSTRUCTION	MAB	MAF	RSP
B	23/07/2021	90% BD ISSUE	MAB	MAF	RSP
A	08FEB2021	30% BD ISSUE	MAB	MAF	MAJ

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DOCUMENT REVIEW CONTROL

Revision	A	B	0	1	2	3	Revision	A	B	0	1	2	3	Revision	A	B	0	1	2	3
Page							Page						Page							
1	X	X	X	X	X		26	X	X	X	X	X		51	X	X	X	X	X	
2	X	X	X	X	X		27	X	X	X	X	X		52	X	X	X	X	X	
3	X	X	X	X	X		28	X	X	X	X	X		53	X	X	X	X	X	
4	X	X	X	X	X		29	X	X	X	X	X		54	X	X	X	X	X	
5	X	X	X	X	X		30	X	X	X	X	X		55	/	X	X	X	X	
6	X	X	X	X	X		31	X	X	X	X	X		56	X	X	X	X	X	
7	X	X	X	X	X		32	X	X	X	X	X		57	X	X	X	X	X	
8	X	X	X	X	X		33	X	X	X	X	X		58	X	X	X	X	X	
9	X	X	X	X	X		34	X	X	X	X	X		59	X	X	X	X	X	
2	X	X	X	X	X		35	X	X	X	X	X		60	X	X	X	X	X	
11	X	X	X	X	X		36	X	X	X	X	X		61	X	X	X	X	X	
12	X	X	X	X	X		37	X	X	X	X	X		62	X	X	X	X	X	
13	X	X	X	X	X		38	X	X	X	X	X		63	X	X	X	X	X	
14	X	X	X	X	X		39	X	X	X	X	X		64	X	X	X	X	X	
15	X	X	X	X	X		40	X	X	X	X	X		65	X	X	X	X	X	
16	X	X	X	X	X		41	X	X	X	X	X		66	X	X	X	X	X	
17	X	X	X	X	X		42	X	X	X	X	X		67	X	X	X	X	X	
18	X	X	X	X	X		43	X	X	X	X	X		68	X	X	X	X	X	
19	X	X	X	X	X		44	X	X	X	X	X		69	X	X	X	X	X	
20	X	X	X	X	X		45	X	X	X	X	X		70	X	X	X	X	X	
21	X	X	X	X	X		46	X	X	X	X	X		71	X	X	X	X	X	
22	X	X	X	X	X		47	X	X	X	X	X		72	X	X	X	X	X	
23	X	X	X	X	X		48	X	X	X	X	X		73	/	/	/	/		
24	X	X	X	X	X		49	X	X	X	X	X		74						
25	X	X	X	X	X		50	X	X	X	X	X		75						

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TRANSMITTERS**REFERENCE DOCUMENTS**

7B-M-0-5-21, 7B-M-0-5-22, 7B-M-0-5-23, 7B-M-0-5-24, 7B-M-0-5-25, 7B-M-0-5-26, 7B-M-0-5-27, 7B-M-0-5-28, 7B-M-0-5-29,
 7B-M-0-5-29A & 7B-M-0-5-30 - AFDs DIAGRAM, 7B-I-0-7-03_EMS_ARCHITECTURE

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- 1- Differential pressure transmitters in cleanroom-conform panel design must have the following characteristics:
 - a) They must be electronic, intelligent and programmable, with signal transmission from 4 to 20mA to two galvanically isolated wires from the power supply;
 - b) Flat housing allows flush surface integration in the cleanroom wall;
 - c) Self-monitoring of the transmitter and early warning function guaranteeing high system availability;
 - d) Be able to define the output signal value, programmable in 0% or 100% of the range, in case of failure of the sensor element;
 - e) Configurable alarm management with adjustable response delay and alarm acknowledgement;
 - f) External supply at 24Vdc

- 2- All transmitters must have enclosures, whose parts exposed to the atmosphere are resistant to environmental conditions, including those generated by the condition of the process, enabling light external cleaning.

- 3- The identification plates must be manufactured in stainless steel AISI 304, permanently attached to the instruments with tag and serial number. The serial number of the instrument, when possible, can be engraved on the body itself.

- 4- The manufacturer must inform in the catalog of the transmitter the dimensions of the same for installation in the place indicated in the project.

- 5- The liquid crystal instrument display with internal illumination for all the information that is necessary for its calibration and indication of necessary variables.

- 6- All transmitters must be provided with protection type certificates compatible with the respective area classification. If the enclosure requires certificates regarding type and degree of protection, both proofs must be explicit in the same certificate. The certificates must be issued by INMETRO or an accredited body.

- 7- Grounding rings must be provided in compatible material, with the instrument box and easy access for assembly, being at least AISI 316.

REVISION 1 - NOTES
1- ADDED BUILDING NAME
REVISION 2 - NOTES
1- UPDATED REFERENCE DOCUMENTS

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GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B1023-001						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B1021						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	25Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS		AIR	GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	bar-g		°C			
	42	DENSITY @ OPERATING CONDITION	kg/m³						
	43	VISCOSITY @ OPERATING CONDITION	Cp						
	44	FLUID CONDUCTIVITY	µS/cm²						
	45	INCROSTATION	NO						
	46	SUSPENDED SOLIDS (%)	NO						
	47	MAXIMUM LOSS OF LOAD ALLOWED	-		bar				
	48								
	49	MANUFACTURER	TESTO OR SIMILAR						
	50	MODEL							

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GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B1023-001-1						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B1023						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFICAES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	25Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR		GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	bar-g		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

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GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-B1023-001-3					
	2	SERVIÇE		DIFFERENTIAL PRESSURE - ROOM B1023					
	3	P&ID		7B-I-0-7-03					
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC					
	6	AREA CLASSIFICATION		NOT CLASSIFIED					
	7	ENCLOSURE CLASSIFICATION		IP-65					
	8	CERTIFICATES		(SEE GENERAL NOTES 6)					
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK		12mm / 6mm					
	10	TUBE MATERIAL		STAINLESS STEEL					
	11	COATING MATERIAL		MANUFACTURING STANDARD					
	12	ELECTRODE MATERIAL		316SS					
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)					
	14	CONNECTIONS		SUITABLE HOSES					
	15	LOCAL TEMPERATURE		22°C					
	16	FLANGE FACE FINISH		-					
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICAÇÕES					
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL					
	19	POWER SUPPLY		24 Vcc - 2 WIRE					
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)					
	21	COMMUNICATION PROTOCOL		-					
	22	PRECISION		± 0.3% F.E.					
	23	REPEATABILITY		MANUFACTURING STANDARD					
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD					
	25	LOCAL INDICATION		YES, LCD FRONT					
	26	RANGE OF PRESSURE		0 to 100Pa					
	27	CALIBRATED RANGE PRESSURE		25Pa					
ACCESSORIES	28	KEYBOARD FOR LOCAL CONFIGURATION		YES					
	29	METER CASING		-					
	30	PULSE OUTPUT		-					
	31	TAGGING		YES (SEE GENERAL NOTES 3)					
	32	SURGE PROTECTOR		YES					
OPERATING CONDITIONS	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU					
	34								
	35								
	36	FLUID	PHYSICAL STATUS		AIR		GAS		
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-	-	
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-	-	
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-	-	
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE		bar-g		°C		
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

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GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2001-001						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2001						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFICAES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	62,5Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR	GAS				
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	bar-g	°C				
	42	DENSITY @ OPERATING CONDITION			kg/m³				
	43	VISCOSITY @ OPERATING CONDITION			Cp				
	44	FLUID CONDUCTIVITY			µS/cm²				
	45	INCROSTATION			NO				
	46	SUSPENDED SOLIDS (%)			NO				
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER			TESTO OR SIMILAR				
	50	MODEL							

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GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-B2002-001					
	2	SERVIÇE		DIFFERENTIAL PRESSURE - ROOM B2002					
	3	P&ID		7B-I-0-7-03					
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC					
	6	AREA CLASSIFICATION		NOT CLASSIFIED					
	7	ENCLOSURE CLASSIFICATION		IP-65					
	8	CERTIFICATES		(SEE GENERAL NOTES 6)					
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONNECCTION BACK		12mm / 6mm					
	10	TUBE MATERIAL		STAINLESS STEEL					
	11	COATING MATERIAL		MANUFACTURING STANDARD					
	12	ELECTRODE MATERIAL		316SS					
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)					
	14	CONNECTIONS		SUITABLE HOSES					
	15	LOCAL TEMPERATURE		22°C					
	16	FLANGE FACE FINISH		-					
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICAES					
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL					
	19	POWER SUPPLY		24 Vcc - 2 WIRE					
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)					
	21	COMMUNICATION PROTOCOL		-					
	22	PRECISION		± 0.3% F.E.					
	23	REPEATABILITY		MANUFACTURING STANDARD					
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD					
	25	LOCAL INDICATION		YES, LCD FRONT					
	26	RANGE OF PRESSURE		0 to 100Pa					
	27	CALIBRATED RANGE PRESSURE		50Pa					
	28	KEYBOARD FOR LOCAL CONFIGURATION		YES					
	29	METER CASING		-					
	30	PULSE OUTPUT		-					
ACCESSORIES	31	TAGGING		YES (SEE GENERAL NOTES 3)					
	32	SURGE PROTECTOR		YES					
	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU					
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS		AIR		GAS		
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-	-	
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-	-	
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-	-	
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE		bar-g		°C		
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCRASTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

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GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-B2003-001					
	2	SERVIÇE		DIFFERENTIAL PRESSURE - ROOM B2003					
	3	P&ID		7B-I-0-7-03					
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC					
	6	AREA CLASSIFICATION		NOT CLASSIFIED					
	7	ENCLOSURE CLASSIFICATION		IP-65					
	8	CERTIFICATES		(SEE GENERAL NOTES 6)					
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONNECCTION BACK		12mm / 6mm					
	10	TUBE MATERIAL		STAINLESS STEEL					
	11	COATING MATERIAL		MANUFACTURING STANDARD					
	12	ELECTRODE MATERIAL		316SS					
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)					
	14	CONNECTIONS		SUITABLE HOSES					
	15	LOCAL TEMPERATURE		22°C					
	16	FLANGE FACE FINISH		-					
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICAES					
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL					
	19	POWER SUPPLY		24 Vcc - 2 WIRE					
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)					
	21	COMMUNICATION PROTOCOL		-					
	22	PRECISION		± 0.3% F.E.					
	23	REPEATABILITY		MANUFACTURING STANDARD					
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD					
	25	LOCAL INDICATION		YES, LCD FRONT					
	26	RANGE OF PRESSURE		0 to 100Pa					
	27	CALIBRATED RANGE PRESSURE		50Pa					
	28	KEYBOARD FOR LOCAL CONFIGURATION		YES					
	29	METER CASING		-					
	30	PULSE OUTPUT		-					
ACCESSORIES	31	TAGGING		YES (SEE GENERAL NOTES 3)					
	32	SURGE PROTECTOR		YES					
	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU					
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS		AIR		GAS		
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-		
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-		
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-		
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE		Pa	°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCRASTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

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GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2010-001						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2010						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS		AIR	GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION	kg/m³						
	43	VISCOSITY @ OPERATING CONDITION	Cp						
	44	FLUID CONDUCTIVITY	µS/cm²						
	45	INCROSTATION	NO						
	46	SUSPENDED SOLIDS (%)	NO						
	47	MAXIMUM LOSS OF LOAD ALLOWED	-		bar				
	48								
	49	MANUFACTURER	TESTO OR SIMILAR						
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

11 de 72

TRANSMITTERS

REV.:

1

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-B2011-001-1					
	2	SERVIÇE		DIFFERENTIAL PRESSURE - ROOM B2011					
	3	P&ID		7B-I-0-7-03					
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC					
	6	AREA CLASSIFICATION		NOT CLASSIFIED					
	7	ENCLOSURE CLASSIFICATION		IP-65					
	8	CERTIFICATES		(SEE GENERAL NOTES 6)					
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK		12mm / 6mm					
	10	TUBE MATERIAL		STAINLESS STEEL					
	11	COATING MATERIAL		MANUFACTURING STANDARD					
	12	ELECTRODE MATERIAL		316SS					
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)					
	14	CONNECTIONS		SUITABLE HOSES					
	15	LOCAL TEMPERATURE		22°C					
	16	FLANGE FACE FINISH		-					
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICAÇÕES					
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL					
	19	POWER SUPPLY		24 Vcc - 2 WIRE					
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)					
	21	COMMUNICATION PROTOCOL		-					
	22	PRECISION		± 0.3% F.E.					
	23	REPEATABILITY		MANUFACTURING STANDARD					
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD					
	25	LOCAL INDICATION		YES, LCD FRONT					
	26	RANGE OF PRESSURE		0 to 100Pa					
	27	CALIBRATED RANGE PRESSURE		50Pa					
ACCESSORIES	28	KEYBOARD FOR LOCAL CONFIGURATION		YES					
	29	METER CASING		-					
	30	PULSE OUTPUT		-					
	31	TAGGING		YES (SEE GENERAL NOTES 3)					
	32	SURGE PROTECTOR		YES					
OPERATING CONDITIONS	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU					
	34								
	35								
	36	FLUID	PHYSICAL STATUS		AIR		GAS		
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-		
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-		
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-		
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE		Pa	°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

 SHEET:
 12 de 72
 REV.:
 1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2011-001-2						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2011						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR	GAS				
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa	°C				
	42	DENSITY @ OPERATING CONDITION			kg/m³				
	43	VISCOSITY @ OPERATING CONDITION			Cp				
	44	FLUID CONDUCTIVITY			µS/cm²				
	45	INCROSTATION			NO				
	46	SUSPENDED SOLIDS (%)			NO				
	47	MAXIMUM LOSS OF LOAD ALLOWED		bar					
	48								
	49	MANUFACTURER			TESTO OR SIMILAR				
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

13 de 72

TRANSMITTERS

REV.:

1

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2012-001						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2012						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS		AIR	GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION	kg/m³						
	43	VISCOSITY @ OPERATING CONDITION	Cp						
	44	FLUID CONDUCTIVITY	µS/cm²						
	45	INCROSTATION	NO						
	46	SUSPENDED SOLIDS (%)	NO						
	47	MAXIMUM LOSS OF LOAD ALLOWED	-		bar				
	48								
	49	MANUFACTURER	TESTO OR SIMILAR						
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

14 de 72

REV.:

1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-B2014-001-1					
	2	SERVIÇE		DIFFERENTIAL PRESSURE - ROOM 2014					
	3	P&ID		7B-I-0-7-03					
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC					
	6	AREA CLASSIFICATION		NOT CLASSIFIED					
	7	ENCLOSURE CLASSIFICATION		IP-65					
	8	CERTIFICATES		(SEE GENERAL NOTES 6)					
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK		12mm / 6mm					
	10	TUBE MATERIAL		STAINLESS STEEL					
	11	COATING MATERIAL		MANUFACTURING STANDARD					
	12	ELECTRODE MATERIAL		316SS					
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)					
	14	CONNECTIONS		SUITABLE HOSES					
	15	LOCAL TEMPERATURE		22°C					
	16	FLANGE FACE FINISH		-					
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICAÇÕES					
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL					
	19	POWER SUPPLY		24 Vcc - 2 WIRE					
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)					
	21	COMMUNICATION PROTOCOL		-					
	22	PRECISION		± 0.3% F.E.					
	23	REPEATABILITY		MANUFACTURING STANDARD					
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD					
	25	LOCAL INDICATION		YES, LCD FRONT					
	26	RANGE OF PRESSURE		0 to 100Pa					
	27	CALIBRATED RANGE PRESSURE		50Pa					
ACCESSORIES	28	KEYBOARD FOR LOCAL CONFIGURATION		YES					
	29	METER CASING		-					
	30	PULSE OUTPUT		-					
	31	TAGGING		YES (SEE GENERAL NOTES 3)					
	32	SURGE PROTECTOR		YES					
OPERATING CONDITIONS	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU					
	34								
	35								
	36	FLUID	PHYSICAL STATUS		AIR		Liquid		
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-		
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-		
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-		
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE		Pa	°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

TRANSMITTERS

 SHEET:
 15 de 72
 REV.:
 1

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2014-001-2						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM 2014						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFICAES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR		Liquid			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

16 de 72

REV.:

1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B1026-001						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM 1026						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS		AIR	LIQUID			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION	kg/m³						
	43	VISCOSITY @ OPERATING CONDITION	Cp						
	44	FLUID CONDUCTIVITY	µS/cm²						
	45	INCROSTATION	NO						
	46	SUSPENDED SOLIDS (%)	NO						
	47	MAXIMUM LOSS OF LOAD ALLOWED	-		bar				
	48								
	49	MANUFACTURER	TESTO OR SIMILAR						
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

17 de 72

REV.:

1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2017-001						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2017						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS		AIR	GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION	kg/m³						
	43	VISCOSITY @ OPERATING CONDITION	Cp						
	44	FLUID CONDUCTIVITY	µS/cm²						
	45	INCROSTATION	NO						
	46	SUSPENDED SOLIDS (%)	NO						
	47	MAXIMUM LOSS OF LOAD ALLOWED	-		bar				
	48								
	49	MANUFACTURER	TESTO OR SIMILAR						
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

18 de 72

TRANSMITTERS

REV.:

1

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-B2018-001-1					
	2	SERVIÇE		DIFFERENTIAL PRESSURE - ROOM B2018					
	3	P&ID		7B-I-0-7-03					
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC					
	6	AREA CLASSIFICATION		NOT CLASSIFIED					
	7	ENCLOSURE CLASSIFICATION		IP-65					
	8	CERTIFICATES		(SEE GENERAL NOTES 6)					
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK		12mm / 6mm					
	10	TUBE MATERIAL		STAINLESS STEEL					
	11	COATING MATERIAL		MANUFACTURING STANDARD					
	12	ELECTRODE MATERIAL		316SS					
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)					
	14	CONNECTIONS		SUITABLE HOSES					
	15	LOCAL TEMPERATURE		22°C					
	16	FLANGE FACE FINISH		-					
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICAÇÕES					
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL					
	19	POWER SUPPLY		24 Vcc - 2 WIRE					
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)					
	21	COMMUNICATION PROTOCOL		-					
	22	PRECISION		± 0.3% F.E.					
	23	REPEATABILITY		MANUFACTURING STANDARD					
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD					
	25	LOCAL INDICATION		YES, LCD FRONT					
	26	RANGE OF PRESSURE		0 to 100Pa					
	27	CALIBRATED RANGE PRESSURE		50Pa					
ACCESSORIES	28	KEYBOARD FOR LOCAL CONFIGURATION		YES					
	29	METER CASING		-					
	30	PULSE OUTPUT		-					
	31	TAGGING		YES (SEE GENERAL NOTES 3)					
	32	SURGE PROTECTOR		YES					
OPERATING CONDITIONS	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU					
	34								
	35								
	36	FLUID	PHYSICAL STATUS		AIR		GAS		
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-		
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-		
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-		
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE		Pa	°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

TRANSMITTERS

 SHEET:
 19 de 72
 REV.:
 1

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2018-001-2						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2018						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFICAES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR		GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:
20 de 72
REV.:
1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2019-001						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2019						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFICAES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR	GAS				
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa	°C				
	42	DENSITY @ OPERATING CONDITION			kg/m³				
	43	VISCOSITY @ OPERATING CONDITION			Cp				
	44	FLUID CONDUCTIVITY			µS/cm²				
	45	INCROSTATION			NO				
	46	SUSPENDED SOLIDS (%)			NO				
	47	MAXIMUM LOSS OF LOAD ALLOWED		bar					
	48								
	49	MANUFACTURER			TESTO OR SIMILAR				
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:
21 de 72
REV.:
1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2022-001-1						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2022						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFICAES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	25Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR		GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:
22 de 72
REV.:
1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2022-001-2						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2022						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFICAES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	25Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR	GAS				
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa	°C				
	42	DENSITY @ OPERATING CONDITION			kg/m³				
	43	VISCOSITY @ OPERATING CONDITION			Cp				
	44	FLUID CONDUCTIVITY			µS/cm²				
	45	INCROSTATION			NO				
	46	SUSPENDED SOLIDS (%)			NO				
	47	MAXIMUM LOSS OF LOAD ALLOWED		bar					
	48								
	49	MANUFACTURER			TESTO OR SIMILAR				
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:
23 de 72
REV.:
1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2023-001-1						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2023						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFICAES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR		GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:
24 de 72
REV.:
1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2023-001-2						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2023						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFICAES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR		GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

25 de 72

REV.:

1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2024-001						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2024						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS		AIR	GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION	kg/m³						
	43	VISCOSITY @ OPERATING CONDITION	Cp						
	44	FLUID CONDUCTIVITY	µS/cm²						
	45	INCROSTATION	NO						
	46	SUSPENDED SOLIDS (%)	NO						
	47	MAXIMUM LOSS OF LOAD ALLOWED	-		bar				
	48								
	49	MANUFACTURER	TESTO OR SIMILAR						
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

 SHEET:
 26 de 72
 REV.:
 1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2025-001-1						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2025						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR		GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

27 de 72

TRANSMITTERS

REV.:

1

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-B2025-001-2					
	2	SERVIÇE		DIFFERENTIAL PRESSURE - ROOM B2025					
	3	P&ID		7B-I-0-7-03					
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC					
	6	AREA CLASSIFICATION		NOT CLASSIFIED					
	7	ENCLOSURE CLASSIFICATION		IP-65					
	8	CERTIFICATES		(SEE GENERAL NOTES 6)					
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK		12mm / 6mm					
	10	TUBE MATERIAL		STAINLESS STEEL					
	11	COATING MATERIAL		MANUFACTURING STANDARD					
	12	ELECTRODE MATERIAL		316SS					
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)					
	14	CONNECTIONS		SUITABLE HOSES					
	15	LOCAL TEMPERATURE		22°C					
	16	FLANGE FACE FINISH		-					
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICAÇÕES					
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL					
	19	POWER SUPPLY		24 Vcc - 2 WIRE					
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)					
	21	COMMUNICATION PROTOCOL		-					
	22	PRECISION		± 0.3% F.E.					
	23	REPEATABILITY		MANUFACTURING STANDARD					
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD					
	25	LOCAL INDICATION		YES, LCD FRONT					
	26	RANGE OF PRESSURE		0 to 100Pa					
	27	CALIBRATED RANGE PRESSURE		50Pa					
ACCESSORIES	28	KEYBOARD FOR LOCAL CONFIGURATION		YES					
	29	METER CASING		-					
	30	PULSE OUTPUT		-					
	31	TAGGING		YES (SEE GENERAL NOTES 3)					
	32	SURGE PROTECTOR		YES					
OPERATING CONDITIONS	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU					
	34								
	35								
	36	FLUID	PHYSICAL STATUS		AIR		GAS		
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-		
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-		
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-		
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE		Pa	°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:
28 de 72
REV.:
1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2026-001-1						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2026						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	45Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR	GAS				
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa	°C				
	42	DENSITY @ OPERATING CONDITION			kg/m³				
	43	VISCOSITY @ OPERATING CONDITION			Cp				
	44	FLUID CONDUCTIVITY			µS/cm²				
	45	INCROSTATION			NO				
	46	SUSPENDED SOLIDS (%)			NO				
	47	MAXIMUM LOSS OF LOAD ALLOWED		bar					
	48								
	49	MANUFACTURER			TESTO OR SIMILAR				
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

 SHEET:
 29 de 72
 REV.:
 1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2026-001-2						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2026						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	45Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR	GAS				
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa	°C				
	42	DENSITY @ OPERATING CONDITION			kg/m³				
	43	VISCOSITY @ OPERATING CONDITION			Cp				
	44	FLUID CONDUCTIVITY			µS/cm²				
	45	INCROSTATION			NO				
	46	SUSPENDED SOLIDS (%)			NO				
	47	MAXIMUM LOSS OF LOAD ALLOWED		bar					
	48								
	49	MANUFACTURER			TESTO OR SIMILAR				
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:
30 de 72
REV.:
1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2027-001-1						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2027						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFICAES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	45Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR		GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

31 de 72

TRANSMITTERS

REV.:

1

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2027-001-2						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2027						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	45Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR		GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

32 de 72

TRANSMITTERS

REV.:

1

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-B2030-001-1					
	2	SERVIÇE		DIFFERENTIAL PRESSURE - ROOM B2030					
	3	P&ID		7B-I-0-7-03					
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC					
	6	AREA CLASSIFICATION		NOT CLASSIFIED					
	7	ENCLOSURE CLASSIFICATION		IP-65					
	8	CERTIFICATES		(SEE GENERAL NOTES 6)					
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK		12mm / 6mm					
	10	TUBE MATERIAL		STAINLESS STEEL					
	11	COATING MATERIAL		MANUFACTURING STANDARD					
	12	ELECTRODE MATERIAL		316SS					
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)					
	14	CONNECTIONS		SUITABLE HOSES					
	15	LOCAL TEMPERATURE		22°C					
	16	FLANGE FACE FINISH		-					
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICAÇÕES					
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL					
	19	POWER SUPPLY		24 Vcc - 2 WIRE					
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)					
	21	COMMUNICATION PROTOCOL		-					
	22	PRECISION		± 0.3% F.E.					
	23	REPEATABILITY		MANUFACTURING STANDARD					
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD					
	25	LOCAL INDICATION		YES, LCD FRONT					
	26	RANGE OF PRESSURE		0 to 100Pa					
	27	CALIBRATED RANGE PRESSURE		45Pa					
ACCESSORIES	28	KEYBOARD FOR LOCAL CONFIGURATION		YES					
	29	METER CASING		-					
	30	PULSE OUTPUT		-					
	31	TAGGING		YES (SEE GENERAL NOTES 3)					
	32	SURGE PROTECTOR		YES					
OPERATING CONDITIONS	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU					
	34								
	35								
	36	FLUID	PHYSICAL STATUS		AIR		GAS		
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-		
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-		
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-		
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE		Pa	°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

33 de 72

TRANSMITTERS

REV.:

1

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-B2030-001-2					
	2	SERVIÇE		DIFFERENTIAL PRESSURE - ROOM B2030					
	3	P&ID		7B-I-0-7-03					
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC					
	6	AREA CLASSIFICATION		NOT CLASSIFIED					
	7	ENCLOSURE CLASSIFICATION		IP-65					
	8	CERTIFICATES		(SEE GENERAL NOTES 6)					
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK		12mm / 6mm					
	10	TUBE MATERIAL		STAINLESS STEEL					
	11	COATING MATERIAL		MANUFACTURING STANDARD					
	12	ELECTRODE MATERIAL		316SS					
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)					
	14	CONNECTIONS		SUITABLE HOSES					
	15	LOCAL TEMPERATURE		22°C					
	16	FLANGE FACE FINISH		-					
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICAÇÕES					
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL					
	19	POWER SUPPLY		24 Vcc - 2 WIRE					
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)					
	21	COMMUNICATION PROTOCOL		-					
	22	PRECISION		± 0.3% F.E.					
	23	REPEATABILITY		MANUFACTURING STANDARD					
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD					
	25	LOCAL INDICATION		YES, LCD FRONT					
	26	RANGE OF PRESSURE		0 to 100Pa					
	27	CALIBRATED RANGE PRESSURE		45Pa					
ACCESSORIES	28	KEYBOARD FOR LOCAL CONFIGURATION		YES					
	29	METER CASING		-					
	30	PULSE OUTPUT		-					
	31	TAGGING		YES (SEE GENERAL NOTES 3)					
	32	SURGE PROTECTOR		YES					
OPERATING CONDITIONS	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU					
	34								
	35								
	36	FLUID	PHYSICAL STATUS		AIR		GAS		
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-		
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-		
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-		
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE		Pa	°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

34 de 72

TRANSMITTERS

REV.:

1

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-B2032-001					
	2	SERVIÇE		DIFFERENTIAL PRESSURE - ROOM B2032					
	3	P&ID		7B-I-0-7-03					
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC					
	6	AREA CLASSIFICATION		NOT CLASSIFIED					
	7	ENCLOSURE CLASSIFICATION		IP-65					
	8	CERTIFICATES		(SEE GENERAL NOTES 6)					
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONNECCTION BACK		12mm / 6mm					
	10	TUBE MATERIAL		STAINLESS STEEL					
	11	COATING MATERIAL		MANUFACTURING STANDARD					
	12	ELECTRODE MATERIAL		316SS					
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)					
	14	CONNECTIONS		SUITABLE HOSES					
	15	LOCAL TEMPERATURE		22°C					
	16	FLANGE FACE FINISH		-					
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICAES					
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL					
	19	POWER SUPPLY		24 Vcc - 2 WIRE					
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)					
	21	COMMUNICATION PROTOCOL		-					
	22	PRECISION		± 0.3% F.E.					
	23	REPEATABILITY		MANUFACTURING STANDARD					
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD					
	25	LOCAL INDICATION		YES, LCD FRONT					
	26	RANGE OF PRESSURE		0 to 100Pa					
	27	CALIBRATED RANGE PRESSURE		37,5Pa					
ACCESSORIES	28	KEYBOARD FOR LOCAL CONFIGURATION		YES					
	29	METER CASING		-					
	30	PULSE OUTPUT		-					
	31	TAGGING		YES (SEE GENERAL NOTES 3)					
	32	SURGE PROTECTOR		YES					
OPERATING CONDITIONS	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU					
	34								
	35								
	36	FLUID	PHYSICAL STATUS		AIR		GAS		
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-		
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-		
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-		
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE		Pa	°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCRASTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

35 de 72

REV.:

1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2033-001-1						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2033						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR		GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

36 de 72

TRANSMITTERS

REV.:

1

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-B2033-001-2					
	2	SERVIÇE		DIFFERENTIAL PRESSURE - ROOM B2033					
	3	P&ID		7B-I-0-7-03					
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC					
	6	AREA CLASSIFICATION		NOT CLASSIFIED					
	7	ENCLOSURE CLASSIFICATION		IP-65					
	8	CERTIFICATES		(SEE GENERAL NOTES 6)					
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK		12mm / 6mm					
	10	TUBE MATERIAL		STAINLESS STEEL					
	11	COATING MATERIAL		MANUFACTURING STANDARD					
	12	ELECTRODE MATERIAL		316SS					
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)					
	14	CONNECTIONS		SUITABLE HOSES					
	15	LOCAL TEMPERATURE		22°C					
	16	FLANGE FACE FINISH		-					
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICAÇÕES					
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL					
	19	POWER SUPPLY		24 Vcc - 2 WIRE					
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)					
	21	COMMUNICATION PROTOCOL		-					
	22	PRECISION		± 0.3% F.E.					
	23	REPEATABILITY		MANUFACTURING STANDARD					
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD					
	25	LOCAL INDICATION		YES, LCD FRONT					
	26	RANGE OF PRESSURE		0 to 100Pa					
	27	CALIBRATED RANGE PRESSURE		50Pa					
ACCESSORIES	28	KEYBOARD FOR LOCAL CONFIGURATION		YES					
	29	METER CASING		-					
	30	PULSE OUTPUT		-					
	31	TAGGING		YES (SEE GENERAL NOTES 3)					
	32	SURGE PROTECTOR		YES					
OPERATING CONDITIONS	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU					
	34								
	35								
	36	FLUID	PHYSICAL STATUS		AIR		GAS		
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-		
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-		
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-		
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE		Pa	°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

37 de 72

TRANSMITTERS

REV.:

1

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-B2034-001					
	2	SERVIÇE		DIFFERENTIAL PRESSURE - ROOM B2034					
	3	P&ID		7B-I-0-7-03					
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC					
	6	AREA CLASSIFICATION		NOT CLASSIFIED					
	7	ENCLOSURE CLASSIFICATION		IP-65					
	8	CERTIFICATES		(SEE GENERAL NOTES 6)					
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONNECCTION BACK		12mm / 6mm					
	10	TUBE MATERIAL		STAINLESS STEEL					
	11	COATING MATERIAL		MANUFACTURING STANDARD					
	12	ELECTRODE MATERIAL		316SS					
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)					
	14	CONNECTIONS		SUITABLE HOSES					
	15	LOCAL TEMPERATURE		22°C					
	16	FLANGE FACE FINISH		-					
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICAES					
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL					
	19	POWER SUPPLY		24 Vcc - 2 WIRE					
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)					
	21	COMMUNICATION PROTOCOL		-					
	22	PRECISION		± 0.3% F.E.					
	23	REPEATABILITY		MANUFACTURING STANDARD					
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD					
	25	LOCAL INDICATION		YES, LCD FRONT					
	26	RANGE OF PRESSURE		0 to 100Pa					
	27	CALIBRATED RANGE PRESSURE		50Pa					
	28	KEYBOARD FOR LOCAL CONFIGURATION		YES					
	29	METER CASING		-					
	30	PULSE OUTPUT		-					
ACCESSORIES	31	TAGGING		YES (SEE GENERAL NOTES 3)					
	32	SURGE PROTECTOR		YES					
	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU					
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS		AIR		GAS		
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-		
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-		
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-		
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE		Pa	°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCRASTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

38 de 72

TRANSMITTERS

REV.:

1

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-B2035-001					
	2	SERVIÇE		DIFFERENTIAL PRESSURE - ROOM B2035					
	3	P&ID		7B-I-0-7-03					
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC					
	6	AREA CLASSIFICATION		NOT CLASSIFIED					
	7	ENCLOSURE CLASSIFICATION		IP-65					
	8	CERTIFICATES		(SEE GENERAL NOTES 6)					
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONNECCTION BACK		12mm / 6mm					
	10	TUBE MATERIAL		STAINLESS STEEL					
	11	COATING MATERIAL		MANUFACTURING STANDARD					
	12	ELECTRODE MATERIAL		316SS					
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)					
	14	CONNECTIONS		SUITABLE HOSES					
	15	LOCAL TEMPERATURE		22°C					
	16	FLANGE FACE FINISH		-					
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICAES					
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL					
	19	POWER SUPPLY		24 Vcc - 2 WIRE					
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)					
	21	COMMUNICATION PROTOCOL		-					
	22	PRECISION		± 0.3% F.E.					
	23	REPEATABILITY		MANUFACTURING STANDARD					
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD					
	25	LOCAL INDICATION		YES, LCD FRONT					
	26	RANGE OF PRESSURE		0 to 100Pa					
	27	CALIBRATED RANGE PRESSURE		50Pa					
	28	KEYBOARD FOR LOCAL CONFIGURATION		YES					
	29	METER CASING		-					
	30	PULSE OUTPUT		-					
ACCESSORIES	31	TAGGING		YES (SEE GENERAL NOTES 3)					
	32	SURGE PROTECTOR		YES					
	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU					
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS		AIR		GAS		
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-		
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-		
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-		
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE		Pa	°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:
39 de 72
REV.:
1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2036-001-1						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2036						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR		GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:
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REV.:
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TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2036-001-2						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2036						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR	GAS				
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa	°C				
	42	DENSITY @ OPERATING CONDITION			kg/m³				
	43	VISCOSITY @ OPERATING CONDITION			Cp				
	44	FLUID CONDUCTIVITY			µS/cm²				
	45	INCROSTATION			NO				
	46	SUSPENDED SOLIDS (%)			NO				
	47	MAXIMUM LOSS OF LOAD ALLOWED		bar					
	48								
	49	MANUFACTURER			TESTO OR SIMILAR				
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

41 de 72

REV.:

1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2040-001-1						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2040						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR		GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:
42 de 72
REV.:
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TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2040-001-2						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2040						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR		GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

43 de 72

REV.:

1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2041-001-1						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2041						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR		GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:
44 de 72
REV.:
1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2041-001-2						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2041						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFICAES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR		GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

45 de 72

REV.:

1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2042-001-1						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2042						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR		GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

46 de 72

REV.:

1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2042-001-2						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2042						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFICAES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR		GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:
47 de 72
REV.:
1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2043-001-1						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2043						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFIES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR	GAS				
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa	°C				
	42	DENSITY @ OPERATING CONDITION			kg/m³				
	43	VISCOSITY @ OPERATING CONDITION			Cp				
	44	FLUID CONDUCTIVITY			µS/cm²				
	45	INCROSTATION			NO				
	46	SUSPENDED SOLIDS (%)			NO				
	47	MAXIMUM LOSS OF LOAD ALLOWED		bar					
	48								
	49	MANUFACTURER			TESTO OR SIMILAR				
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

48 de 72

REV.:

1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2043-001-2						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2043						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR		GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	bar				
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

49 de 72

REV.:

1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2050-001						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2050						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS		AIR	GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION	kg/m³						
	43	VISCOSITY @ OPERATING CONDITION	Cp						
	44	FLUID CONDUCTIVITY	µS/cm²						
	45	INCROSTATION	NO						
	46	SUSPENDED SOLIDS (%)	NO						
	47	MAXIMUM LOSS OF LOAD ALLOWED	-		bar				
	48								
	49	MANUFACTURER	TESTO OR SIMILAR						
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

 SHEET:
 50 de 72
 REV.:
 1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	PDIT-B2059-001						
	2	SERVICE	DIFFERENTIAL PRESSURE - ROOM B2059						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR FRONT / CONECTION BACK	12mm / 6mm						
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	SUITABLE HOSES						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	26	RANGE OF PRESSURE	0 to 100Pa						
	27	CALIBRATED RANGE PRESSURE	50Pa						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29	METER CASING	-						
	30	PULSE OUTPUT	-						
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34								
	35								
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR	GAS				
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa	°C				
	42	DENSITY @ OPERATING CONDITION			kg/m³				
	43	VISCOSITY @ OPERATING CONDITION			Cp				
	44	FLUID CONDUCTIVITY			µS/cm²				
	45	INCROSTATION			NO				
	46	SUSPENDED SOLIDS (%)			NO				
	47	MAXIMUM LOSS OF LOAD ALLOWED		bar					
	48								
	49	MANUFACTURER			TESTO OR SIMILAR				
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

TRANSMITTERS

 SHEET:
 51 de 72
 REV.:
 1

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT / TIT-B2015-001						
	2	SERVIÇE		DIFERENTIAL PRESSURE AND TEMPERATURE ROOM B2015						
	3	P&ID		7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER							
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION		NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION		IP-65						
	8	CERTIFICATES		(SEE GENERAL NOTES 6)						
	9									
METER	9	DIAMETER OF SENSOR TEMP	DIAMETER PRESSURE SENSOR	12mm	12mm / 6mm					
	10	TUBE MATERIAL		STAINLESS STEEL						
	11	COATING MATERIAL		MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL		316SS						
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS		PROBE SOCKET MANUFATURING STANDARD						
	15	LOCAL TEMPERATURE		22°C						
	16	FLANGE FACE FINISH		-						
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICATES						
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL						
	19	POWER SUPPLY		24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL		-						
	22	PRECISION		± 0.3% F.E.						
	23	REPEATABILITY		MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD						
	25	LOCAL INDICATION		YES, LCD FRONT						
	26	RANGE TEMPERATURE		-20 to 70°C						
	27	CALIBRATED RANGE TEMPERATURE		22°C						
	28	KEYBOARD FOR LOCAL CONFIGURATION		YES						
ACCESSORIES	29	RANGE OF PRESSURE		0 to 100Pa						
	30	RANGE OF CALIBRATED PRESSURE		25Pa						
	31	TAGGING		YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR		YES						
	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
OPERATING CONDITIONS	34	SENSOR CABLE LENGTH TEMPERATURE		10 METERS						
	35									
	36	FLUID	PHYSICAL STATUS		AIR		GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-	-		
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-	-		
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-	-		
	40	PROJECT FLOW								
	41	DESIGN PRESSURE	DESIGN TEMPERATURE		bar-g	°C				
	42	DENSITY @ OPERATING CONDITION		kg/m³						
	43	VISCOSITY @ OPERATING CONDITION		Cp						
	44	FLUID CONDUCTIVITY		µS/cm²						
	45	INCROSTATION		NO						
	46	SUSPENDED SOLIDS (%)		NO						
	47	MAXIMUM LOSS OF LOAD ALLOWED		-						
	48									
	49	MANUFACTURER		TESTO OR SIMILAR						
	50	MODEL								

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:
52 de 72
REV.:
1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	MIT / PDIT / TIT-B2009-001						
	2	SERVICE	HUMIDITY - DIFERENTIAL PRESSURE - TEMP - ROOM B2009						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR TEMP	DIAMETER PRESSURE SENSOR	12mm					
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	PROBE SOCKET MANUFACTURING STANDARD						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFICAES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	24	RANGE HUMIDITY	0-90%RH						
	25	CALIBRATED RANGE HUMIDITY	30-60%RH						
	26	RANGE TEMPERATURE	-20 to 70°C						
	27	CALIBRATED RANGE TEMPERATURE	22°C						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
ACCESSORIES	29								
	30								
	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
OPERATING CONDITIONS	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34	SENSOR CABLE LENGTH TEMPERATURE	10 METERS						
	36	FLUID	PHYSICAL STATUS	AIR	GAS				
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW	-						
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa	°C				
	42	DENSITY @ OPERATING CONDITION	kg/m³						
	43	VISCOSITY @ OPERATING CONDITION	Cp						
	44	FLUID CONDUCTIVITY	µS/cm²						
	45	INCROSTATION	NO						
	47	MAXIMUM LOSS OF LOAD ALLOWED	-						
	48								
	49	MANUFACTURER	TESTO OR SIMILAR						
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

TRANSMITTERS

 SHEET:
 53 de 72
 REV.:
 1

GENERAL	1	INSTRUMENT TAG NUMBER	TIT-FS-2001-001						
	2	SERVICE	TEMP FREEZER FS-2001-ROOM 2015						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR TEMP	DIAMETER PRESSURE SENSOR	12mm					
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	PROBE SOCKET MANUFACTURING STANDARD						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	24	RANGE HUMIDITY	0-90%RH						
	25	CALIBRATED RANGE HUMIDITY	30-60%RH						
	26	RANGE TEMPERATURE	-20 to 70°C						
	27	CALIBRATED RANGE TEMPERATURE	22°C						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
	29								
	30								
ACCESSORIES	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34	SENSOR CABLE LENGTH TEMPERATURE	10 METERS						
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR	GAS				
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW	-						
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa	°C				
	42	DENSITY @ OPERATING CONDITION	kg/m³						
	43	VISCOSITY @ OPERATING CONDITION	Cp						
	44	FLUID CONDUCTIVITY	µS/cm²						
	45	INCROSTATION	NO						
	47	MAXIMUM LOSS OF LOAD ALLOWED	-						
	48								
	49	MANUFACTURER	TESTO OR SIMILAR						
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

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REV.:

1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER		TIT-FR-2001-001						
	2	SERVIÇE		TEMP FREEZER FR-2001-ROOM 2044						
	3	P&ID		7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER							
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION		NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION		IP-65						
	8	CERTIFICATES		(SEE GENERAL NOTES 6)						
	9									
METER	9	DIAMETER OF SENSOR TEMP	DIAMETER PRESSURE SENSOR	12mm						
	10	TUBE MATERIAL		STAINLESS STEEL						
	11	COATING MATERIAL		MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL		316SS						
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS		PROBE SOCKET MANUFACTURING STANDARD						
	15	LOCAL TEMPERATURE		22°C						
	16	FLANGE FACE FINISH		-						
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICAÇÕES						
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL						
	19	POWER SUPPLY		24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL		-						
	22	PRECISION		± 0.3% F.E.						
	23	REPEATABILITY		MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD						
	25	LOCAL INDICATION		YES, LCD FRONT						
	26	RANGE HUMIDITY		0-90%RH						
	27	CALIBRATED RANGE HUMIDITY		30-60%RH						
	28	RANGE TEMPERATURE		-20 to 70°C						
	29	CALIBRATED RANGE TEMPERATURE		22°C						
	30	KEYBOARD FOR LOCAL CONFIGURATION		YES						
ACCESSORIES	31	TAGGING		YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR		YES						
	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34	SENSOR CABLE LENGTH TEMPERATURE		10 METERS						
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS		AIR		GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-	-		
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-	-		
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-	-		
	40	PROJECT FLOW		-						
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C				
	42	DENSITY @ OPERATING CONDITION		kg/m³						
	43	VISCOSITY @ OPERATING CONDITION		Cp						
	44	FLUID CONDUCTIVITY		µS/cm²						
	45	INCROSTATION		NO						
	47	MAXIMUM LOSS OF LOAD ALLOWED		-						
	48									
	49	MANUFACTURER		TESTO OR SIMILAR						
	50	MODEL								

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TRANSMITTERS

 SHEET:
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 REV.:
 1

GENERAL	1	INSTRUMENT TAG NUMBER	TIT-FR-2101-001						
	2	SERVICE	TEMP REFRIGERATOR FR-2101-ROOM 2045						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR TEMP	DIAMETER PRESSURE SENSOR	12mm					
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	PROBE SOCKET MANUFACTURING STANDARD						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	24	RANGE HUMIDITY	0-90%RH						
	25	CALIBRATED RANGE HUMIDITY	30-60%RH						
	26	RANGE TEMPERATURE	-20 to 70°C						
	27	CALIBRATED RANGE TEMPERATURE	22°C						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
ACCESSORIES	29								
	30								
	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
OPERATING CONDITIONS	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34	SENSOR CABLE LENGTH TEMPERATURE	10 METERS						
	36	FLUID	PHYSICAL STATUS	AIR	GAS				
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW	-						
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa	°C				
	42	DENSITY @ OPERATING CONDITION	kg/m³						
	43	VISCOSITY @ OPERATING CONDITION	Cp						
	44	FLUID CONDUCTIVITY	µS/cm²						
	45	INCROSTATION	NO						
	47	MAXIMUM LOSS OF LOAD ALLOWED	-						
	48								
	49	MANUFACTURER	TESTO OR SIMILAR						
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

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REV.:

1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER		MIT / PDIT / TIT-B2045-001					
	2	SERVIÇE		HUMIDITY - DIFERENTIAL PRESSURE - TEMP - ROOM B2045					
	3	P&ID		7B-I-0-7-03					
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC					
	6	AREA CLASSIFICATION		NOT CLASSIFIED					
	7	ENCLOSURE CLASSIFICATION		IP-65					
	8	CERTIFICATES		(SEE GENERAL NOTES 6)					
	9								
METER	9	DIAMETER OF SENSOR TEMP	DIAMETER PRESSURE SENSOR	12mm					
	10	TUBE MATERIAL		STAINLESS STEEL					
	11	COATING MATERIAL		MANUFACTURING STANDARD					
	12	ELECTRODE MATERIAL		316SS					
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)					
	14	CONNECTIONS		PROBE SOCKET MANUFATURING STANDARD					
	15	LOCAL TEMPERATURE		22°C					
	16	FLANGE FACE FINISH							
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICATES					
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL					
	19	POWER SUPPLY		24 Vcc - 2 WIRE					
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)					
	21	COMMUNICATION PROTOCOL							
	22	PRECISION		± 0.3% F.E.					
	23	REPEATABILITY		MANUFACTURING STANDARD					
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD					
	25	LOCAL INDICATION		YES, LCD FRONT					
	26	RANGE HUMIDITY		0-90%RH					
	27	CALIBRATED RANGE HUMIDITY		30-60%RH					
	28	RANGE TEMPERATURE		-20 to 70°C					
	29	CALIBRATED RANGE TEMPERATURE		22°C					
	30	KEYBOARD FOR LOCAL CONFIGURATION		YES					
ACCESSORIES	31	TAGGING		YES (SEE GENERAL NOTES 3)					
	32	SURGE PROTECTOR		YES					
	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU					
	34	SENSOR CABLE LENGTH TEMPERATURE		10 METERS					
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS		AIR	GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-		
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-		
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-		
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-					
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

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REV.:

1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER		MIT / PDIT / TIT-B2053-001					
	2	SERVIÇE		HUMIDITY - DIFERENTIAL PRESSURE - TEMP - ROOM B2053					
	3	P&ID		7B-I-0-7-03					
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC					
	6	AREA CLASSIFICATION		NOT CLASSIFIED					
	7	ENCLOSURE CLASSIFICATION		IP-65					
	8	CERTIFICATES		(SEE GENERAL NOTES 6)					
	9								
METER	9	DIAMETER OF SENSOR TEMP	DIAMETER PRESSURE SENSOR	12mm					
	10	TUBE MATERIAL		STAINLESS STEEL					
	11	COATING MATERIAL		MANUFACTURING STANDARD					
	12	ELECTRODE MATERIAL		316SS					
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)					
	14	CONNECTIONS		PROBE SOCKET MANUFATURING STANDARD					
	15	LOCAL TEMPERATURE		22°C					
	16	FLANGE FACE FINISH							
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICATES					
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL					
	19	POWER SUPPLY		24 Vcc - 2 WIRE					
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)					
	21	COMMUNICATION PROTOCOL							
	22	PRECISION		± 0.3% F.E.					
	23	REPEATABILITY		MANUFACTURING STANDARD					
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD					
	25	LOCAL INDICATION		YES, LCD FRONT					
	26	RANGE HUMIDITY		0-90%RH					
	27	CALIBRATED RANGE HUMIDITY		30-60%RH					
	28	RANGE TEMPERATURE		-20 to 70°C					
	29	CALIBRATED RANGE TEMPERATURE		22°C					
	30	KEYBOARD FOR LOCAL CONFIGURATION		YES					
ACCESSORIES	31	TAGGING		YES (SEE GENERAL NOTES 3)					
	32	SURGE PROTECTOR		YES					
	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU					
	34	SENSOR CABLE LENGTH TEMPERATURE		10 METERS					
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS		AIR	GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-		
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-		
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-		
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-					
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

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REV.:

1

TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER		MIT / PDIT / TIT-B2005-001					
	2	SERVIÇE		HUMIDITY - DIFERENTIAL PRESSURE - TEMP - ROOM B2005					
	3	P&ID		7B-I-0-7-03					
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC					
	6	AREA CLASSIFICATION		NOT CLASSIFIED					
	7	ENCLOSURE CLASSIFICATION		IP-65					
	8	CERTIFICATES		(SEE GENERAL NOTES 6)					
	9								
METER	9	DIAMETER OF SENSOR TEMP	DIAMETER PRESSURE SENSOR	12mm	12mm / 6mm				
	10	TUBE MATERIAL		STAINLESS STEEL					
	11	COATING MATERIAL		MANUFACTURING STANDARD					
	12	ELECTRODE MATERIAL		316SS					
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)					
	14	CONNECTIONS		PROBE SOCKET MANUFATURING STANDARD					
	15	LOCAL TEMPERATURE		22°C					
	16	FLANGE FACE FINISH		-					
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICATES					
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL					
	19	POWER SUPPLY		24 Vcc - 2 WIRE					
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)					
	21	COMMUNICATION PROTOCOL		-					
	22	PRECISION		± 0.3% F.E.					
	23	REPEATABILITY		MANUFACTURING STANDARD					
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD					
	25	LOCAL INDICATION		YES, LCD FRONT					
	24	RANGE HUMIDITY		0-90%RH					
	25	CALIBRATED RANGE HUMIDITY		30-60%RH					
	26	RANGE TEMPERATURE		-20 to 70°C					
	27	CALIBRATED RANGE TEMPERATURE		22°C					
	28	KEYBOARD FOR LOCAL CONFIGURATION		YES					
	29	CALIBRATED RANGE PRESSURE		57,5Pa					
	30	RANGE OF PRESSURE		0 to 100pA					
ACCESSORIES	31	TAGGING		YES (SEE GENERAL NOTES 3)					
	32	SURGE PROTECTOR		YES					
	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU					
	34	SENSOR CABLE LENGTH TEMPERATURE		10 METERS					
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS		AIR	GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-		
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-		
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-		
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-					
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

59 de 72

REV.:

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TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER		MIT / PDIT / TIT-B2006-001					
	2	SERVIÇE		HUMIDITY - DIFERENTIAL PRESSURE - TEMP - ROOM B2006					
	3	P&ID		7B-I-0-7-03					
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC					
	6	AREA CLASSIFICATION		NOT CLASSIFIED					
	7	ENCLOSURE CLASSIFICATION		IP-65					
	8	CERTIFICATES		(SEE GENERAL NOTES 6)					
	9								
METER	9	DIAMETER OF SENSOR TEMP	DIAMETER PRESSURE SENSOR	12mm	12mm / 6mm				
	10	TUBE MATERIAL		STAINLESS STEEL					
	11	COATING MATERIAL		MANUFACTURING STANDARD					
	12	ELECTRODE MATERIAL		316SS					
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)					
	14	CONNECTIONS		PROBE SOCKET MANUFATURING STANDARD					
	15	LOCAL TEMPERATURE		22°C					
	16	FLANGE FACE FINISH		-					
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICATES					
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL					
	19	POWER SUPPLY		24 Vcc - 2 WIRE					
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)					
	21	COMMUNICATION PROTOCOL		-					
	22	PRECISION		± 0.3% F.E.					
	23	REPEATABILITY		MANUFACTURING STANDARD					
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD					
	25	LOCAL INDICATION		YES, LCD FRONT					
	24	RANGE HUMIDITY		0-90%RH					
	25	CALIBRATED RANGE HUMIDITY		30-60%RH					
	26	RANGE TEMPERATURE		-20 to 70°C					
	27	CALIBRATED RANGE TEMPERATURE		22°C					
	28	KEYBOARD FOR LOCAL CONFIGURATION		YES					
	29	CALIBRATED RANGE PRESSURE		40Pa					
	30	RANGE OF PRESSURE		0 to 100pA					
ACCESSORIES	31	TAGGING		YES (SEE GENERAL NOTES 3)					
	32	SURGE PROTECTOR		YES					
	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU					
	34	SENSOR CABLE LENGTH TEMPERATURE		10 METERS					
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS		AIR	GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-		
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-		
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-		
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-					
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

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TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	MIT / PDIT / TIT-B2007-001						
	2	SERVICE	HUMIDITY - DIFERENTIAL PRESSURE - TEMP - ROOM B2007						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR TEMP	DIAMETER PRESSURE SENSOR	12mm	12mm / 6mm				
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	PROBE SOCKET MANUFACTURING STANDARD						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFICAES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	24	RANGE HUMIDITY	0-90%RH						
	25	CALIBRATED RANGE HUMIDITY	30-60%RH						
	26	RANGE TEMPERATURE	-20 to 70°C						
	27	CALIBRATED RANGE TEMPERATURE	22°C						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
ACCESSORIES	29	CALIBRATED RANGE PRESSURE	62,5Pa						
	30	RANGE OF PRESSURE	0 to 100pA						
	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
OPERATING CONDITIONS	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34	SENSOR CABLE LENGTH TEMPERATURE	10 METERS						
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR	GAS				
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa	°C				
	42	DENSITY @ OPERATING CONDITION	kg/m³						
	43	VISCOSITY @ OPERATING CONDITION	Cp						
	44	FLUID CONDUCTIVITY	µS/cm²						
	45	INCROSTATION	NO						
	47	MAXIMUM LOSS OF LOAD ALLOWED	-						
	48								
	49	MANUFACTURER	TESTO OR SIMILAR						
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

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TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	MIT / PDIT / TIT-B2013-001						
	2	SERVICE	HUMIDITY - DIFERENTIAL PRESSURE - TEMP - ROOM B2013						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR TEMP	DIAMETER PRESSURE SENSOR	12mm	12mm / 6mm				
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	PROBE SOCKET MANUFACTURING STANDARD						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFICAES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	24	RANGE HUMIDITY	0-90%RH						
	25	CALIBRATED RANGE HUMIDITY	30-60%RH						
	26	RANGE TEMPERATURE	-20 to 70°C						
	27	CALIBRATED RANGE TEMPERATURE	22°C						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
ACCESSORIES	29	CALIBRATED RANGE PRESSURE	50Pa						
	30	RANGE OF PRESSURE	0 to 100pA						
	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
OPERATING CONDITIONS	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34	SENSOR CABLE LENGTH TEMPERATURE	10 METERS						
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR	GAS				
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa	°C				
	42	DENSITY @ OPERATING CONDITION	kg/m³						
	43	VISCOSITY @ OPERATING CONDITION	Cp						
	44	FLUID CONDUCTIVITY	µS/cm²						
	45	INCROSTATION	NO						
	47	MAXIMUM LOSS OF LOAD ALLOWED	-						
	48								
	49	MANUFACTURER	TESTO OR SIMILAR						
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

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SHEET:
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REV.:
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TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	MIT / PDIT / TIT-B2016-001						
	2	SERVICE	HUMIDITY - DIFERENTIAL PRESSURE - TEMP - ROOM B2016						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR TEMP	DIAMETER PRESSURE SENSOR	12mm	12mm / 6mm				
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	PROBE SOCKET MANUFACTURING STANDARD						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFICAES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	24	RANGE HUMIDITY	0-90%RH						
	25	CALIBRATED RANGE HUMIDITY	30-60%RH						
	26	RANGE TEMPERATURE	-20 to 70°C						
	27	CALIBRATED RANGE TEMPERATURE	22°C						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
ACCESSORIES	29	CALIBRATED RANGE PRESSURE	75Pa						
	30	RANGE OF PRESSURE	0 to 100pA						
	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
OPERATING CONDITIONS	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34	SENSOR CABLE LENGTH	10 METERS						
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR	GAS				
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa	°C				
	42	DENSITY @ OPERATING CONDITION	kg/m³						
	43	VISCOSITY @ OPERATING CONDITION	Cp						
	44	FLUID CONDUCTIVITY	µS/cm²						
	45	INCROSTATION	NO						
	47	MAXIMUM LOSS OF LOAD ALLOWED	-						
	48								
	49	MANUFACTURER	TESTO OR SIMILAR						
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

SHEET:

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REV.:

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TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER		MIT / PDIT / TIT-B2020-001					
	2	SERVIÇE		HUMIDITY - DIFERENTIAL PRESSURE - TEMP - ROOM B2020					
	3	P&ID		7B-I-0-7-03					
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC					
	6	AREA CLASSIFICATION		NOT CLASSIFIED					
	7	ENCLOSURE CLASSIFICATION		IP-65					
	8	CERTIFICATES		(SEE GENERAL NOTES 6)					
	9								
METER	9	DIAMETER OF SENSOR TEMP	DIAMETER PRESSURE SENSOR	12mm	12mm / 6mm				
	10	TUBE MATERIAL		STAINLESS STEEL					
	11	COATING MATERIAL		MANUFACTURING STANDARD					
	12	ELECTRODE MATERIAL		316SS					
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)					
	14	CONNECTIONS		PROBE SOCKET MANUFATURING STANDARD					
	15	LOCAL TEMPERATURE		22°C					
	16	FLANGE FACE FINISH		-					
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICATES					
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL					
	19	POWER SUPPLY		24 Vcc - 2 WIRE					
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)					
	21	COMMUNICATION PROTOCOL		-					
	22	PRECISION		± 0.3% F.E.					
	23	REPEATABILITY		MANUFACTURING STANDARD					
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD					
	25	LOCAL INDICATION		YES, LCD FRONT					
	24	RANGE HUMIDITY		0-90%RH					
	25	CALIBRATED RANGE HUMIDITY		30-60%RH					
	26	RANGE TEMPERATURE		-20 to 70°C					
	27	CALIBRATED RANGE TEMPERATURE		22°C					
	28	KEYBOARD FOR LOCAL CONFIGURATION		YES					
	29	CALIBRATED RANGE PRESSURE		50Pa					
	30	RANGE OF PRESSURE		0 to 100pA					
ACCESSORIES	31	TAGGING		YES (SEE GENERAL NOTES 3)					
	32	SURGE PROTECTOR		YES					
	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU					
	34	SENSOR CABLE LENGTH TEMPERATURE		10 METERS					
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS		AIR	GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-		
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-		
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-		
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-					
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

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TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER		MIT / PDIT / TIT-B2028-001						
	2	SERVIÇE		HUMIDITY - DIFERENTIAL PRESSURE - TEMP - ROOM B2028						
	3	P&ID		7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER							
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION		NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION		IP-65						
	8	CERTIFICATES		(SEE GENERAL NOTES 6)						
	9									
METER	9	DIAMETER OF SENSOR TEMP	DIAMETER PRESSURE SENSOR	12mm	12mm / 6mm					
	10	TUBE MATERIAL		STAINLESS STEEL						
	11	COATING MATERIAL		MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL		316SS						
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS		PROBE SOCKET MANUFATURING STANDARD						
	15	LOCAL TEMPERATURE		22°C						
	16	FLANGE FACE FINISH		-						
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICATES						
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL						
	19	POWER SUPPLY		24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL		-						
	22	PRECISION		± 0.3% F.E.						
	23	REPEATABILITY		MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD						
	25	LOCAL INDICATION		YES, LCD FRONT						
	24	RANGE HUMIDITY		0-90%RH						
	25	CALIBRATED RANGE HUMIDITY		30-60%RH						
	26	RANGE TEMPERATURE		-20 to 70°C						
	27	CALIBRATED RANGE TEMPERATURE		22°C						
	28	KEYBOARD FOR LOCAL CONFIGURATION		YES						
	29	CALIBRATED RANGE PRESSURE		37,5Pa						
	30	RANGE OF PRESSURE		0 to 100pA						
ACCESSORIES	31	TAGGING		YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR		YES						
	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34	SENSOR CABLE LENGTH		10 METERS						
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS		AIR	GAS				
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-	-		
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-	-		
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-	-		
	40	PROJECT FLOW								
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C				
	42	DENSITY @ OPERATING CONDITION		kg/m³						
	43	VISCOSITY @ OPERATING CONDITION		Cp						
	44	FLUID CONDUCTIVITY		µS/cm²						
	45	INCROSTATION		NO						
	47	MAXIMUM LOSS OF LOAD ALLOWED		-						
	48									
	49	MANUFACTURER		TESTO OR SIMILAR						
	50	MODEL								

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NUMBER: 569-DB7B-AIC-700-002

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TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	MIT / TIT-B2028-002						
	2	SERVICE	HUMIDITY - TEMP - ROOM B2028						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR TEMP	DIAMETER PRESSURE SENSOR	12mm	12mm / 6mm				
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	PROBE SOCKET MANUFACTURING STANDARD						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFICAES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	24	RANGE HUMIDITY	0-90%RH						
	25	CALIBRATED RANGE HUMIDITY	30-60%RH						
	26	RANGE TEMPERATURE	-20 to 70°C						
	27	CALIBRATED RANGE TEMPERATURE	22°C						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
ACCESSORIES	29	CALIBRATED RANGE PRESSURE	37,5Pa						
	30	RANGE OF PRESSURE	0 to 100pA						
	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
OPERATING CONDITIONS	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34	SENSOR CABLE LENGTH TEMPERATURE	10 METERS						
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR	GAS				
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa	°C				
	42	DENSITY @ OPERATING CONDITION	kg/m³						
	43	VISCOSITY @ OPERATING CONDITION	Cp						
	44	FLUID CONDUCTIVITY	µS/cm²						
	45	INCROSTATION	NO						
	47	MAXIMUM LOSS OF LOAD ALLOWED	-						
	48								
	49	MANUFACTURER	TESTO OR SIMILAR						
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

CLIENT NR:

PRD-AIC-DSH-002

TITLE

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TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	MIT / TIT-B2031-001						
	2	SERVICE	HUMIDITY - TEMP - ROOM B2031						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR TEMP	DIAMETER PRESSURE SENSOR	12mm	12mm / 6mm				
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	PROBE SOCKET MANUFACTURING STANDARD						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFICAES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	24	RANGE HUMIDITY	0-90%RH						
	25	CALIBRATED RANGE HUMIDITY	30-60%RH						
	26	RANGE TEMPERATURE	-20 to 70°C						
	27	CALIBRATED RANGE TEMPERATURE	22°C						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
ACCESSORIES	29	CALIBRATED RANGE PRESSURE	37,5Pa						
	30	RANGE OF PRESSURE	0 to 100pA						
	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
OPERATING CONDITIONS	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34	SENSOR CABLE LENGTH TEMPERATURE	10 METERS						
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR	GAS				
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa	°C				
	42	DENSITY @ OPERATING CONDITION	kg/m³						
	43	VISCOSITY @ OPERATING CONDITION	Cp						
	44	FLUID CONDUCTIVITY	µS/cm²						
	45	INCROSTATION	NO						
	47	MAXIMUM LOSS OF LOAD ALLOWED	-						
	48								
	49	MANUFACTURER	TESTO OR SIMILAR						
	50	MODEL							

NOTES:

NUMBER: 569-DB7B-AIC-700-002

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PRD-AIC-DSH-002

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TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	MIT / PDIT / TIT-B2037-001						
	2	SERVICE	HUMIDITY - DIFERENTIAL PRESSURE - TEMP - ROOM B2037						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR TEMP	DIAMETER PRESSURE SENSOR	12mm	12mm / 6mm				
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	PROBE SOCKET MANUFACTURING STANDARD						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFCATES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	24	RANGE HUMIDITY	0-90%RH						
	25	CALIBRATED RANGE HUMIDITY	30-60%RH						
	26	RANGE TEMPERATURE	-20 to 70°C						
	27	CALIBRATED RANGE TEMPERATURE	22°C						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
ACCESSORIES	29	CALIBRATED RANGE PRESSURE	50Pa						
	30	RANGE OF PRESSURE	0 to 100pA						
	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
OPERATING CONDITIONS	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34	SENSOR CABLE LENGTH TEMPERATURE	10 METERS						
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR	GAS				
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa	°C				
	42	DENSITY @ OPERATING CONDITION	kg/m³						
	43	VISCOSITY @ OPERATING CONDITION	Cp						
	44	FLUID CONDUCTIVITY	µS/cm²						
	45	INCROSTATION	NO						
	47	MAXIMUM LOSS OF LOAD ALLOWED	-						
	48								
	49	MANUFACTURER	TESTO OR SIMILAR						
	50	MODEL							

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NUMBER: 569-DB7B-AIC-700-002

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TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	MIT / PDIT / TIT-B2039-001						
	2	SERVICE	HUMIDITY - DIFERENTIAL PRESSURE - TEMP - ROOM B2039						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR TEMP	DIAMETER PRESSURE SENSOR	12mm	12mm / 6mm				
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	PROBE SOCKET MANUFACTURING STANDARD						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFICAES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	24	RANGE HUMIDITY	0-90%RH						
	25	CALIBRATED RANGE HUMIDITY	30-60%RH						
	26	RANGE TEMPERATURE	-20 to 70°C						
	27	CALIBRATED RANGE TEMPERATURE	22°C						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
ACCESSORIES	29	CALIBRATED RANGE PRESSURE	50Pa						
	30	RANGE OF PRESSURE	0 to 100pA						
	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
OPERATING CONDITIONS	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34	SENSOR CABLE LENGTH TEMPERATURE	10 METERS						
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR	GAS				
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa	°C				
	42	DENSITY @ OPERATING CONDITION	kg/m³						
	43	VISCOSITY @ OPERATING CONDITION	Cp						
	44	FLUID CONDUCTIVITY	µS/cm²						
	45	INCROSTATION	NO						
	47	MAXIMUM LOSS OF LOAD ALLOWED	-						
	48								
	49	MANUFACTURER	TESTO OR SIMILAR						
	50	MODEL							

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NUMBER: 569-DB7B-AIC-700-002

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TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER		MIT / TIT-B2044-001				
	2	SERVIÇE		HUMIDITY - TEMP - ROOM B2044				
	3	P&ID		7B-I-0-7-03				
	4	PIPE LINE	EQUIPMENT NUMBER					
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC				
	6	AREA CLASSIFICATION		NOT CLASSIFIED				
	7	ENCLOSURE CLASSIFICATION		IP-65				
	8	CERTIFICATES		(SEE GENERAL NOTES 6)				
	9							
METER	9	DIAMETER OF SENSOR TEMP	DIAMETER PRESSURE SENSOR	12mm	12mm / 6mm			
	10	TUBE MATERIAL		STAINLESS STEEL				
	11	COATING MATERIAL		MANUFACTURING STANDARD				
	12	ELECTRODE MATERIAL		316SS				
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)				
	14	CONNECTIONS		PROBE SOCKET MANUFACTURING STANDARD				
	15	LOCAL TEMPERATURE		22°C				
	16	FLANGE FACE FINISH		-				
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICAÇÕES				
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL				
	19	POWER SUPPLY		24 Vcc - 2 WIRE				
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)				
	21	COMMUNICATION PROTOCOL		-				
	22	PRECISION		± 0.3% F.E.				
	23	REPEATABILITY		MANUFACTURING STANDARD				
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD				
	25	LOCAL INDICATION		YES, LCD FRONT				
	24	RANGE HUMIDITY		0-90%RH				
	25	CALIBRATED RANGE HUMIDITY		30-60%RH				
	26	RANGE TEMPERATURE		-20 to 70°C				
	27	CALIBRATED RANGE TEMPERATURE		22°C				
	28	KEYBOARD FOR LOCAL CONFIGURATION		YES				
	29	CALIBRATED RANGE PRESSURE		62,5Pa				
	30	RANGE OF PRESSURE		0 to 100Pa				
ACCESSORIES	31	TAGGING		YES (SEE GENERAL NOTES 3)				
	32	SURGE PROTECTOR		YES				
	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU				
	34	SENSOR CABLE LENGTH		10 METERS				
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS		AIR	GAS		
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-	-
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-	-
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-	-
	40	PROJECT FLOW						
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C		
	42	DENSITY @ OPERATING CONDITION		kg/m³				
	43	VISCOSITY @ OPERATING CONDITION		Cp				
	44	FLUID CONDUCTIVITY		µS/cm²				
	45	INCROSTATION		NO				
	47	MAXIMUM LOSS OF LOAD ALLOWED		-				
	48							
	49	MANUFACTURER		TESTO OR SIMILAR				
	50	MODEL						

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TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	MIT / PDIT / TIT-B2046-001						
	2	SERVICE	HUMIDITY - DIFERENTIAL PRESSURE - TEMP - ROOM B2044						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR TEMP	DIAMETER PRESSURE SENSOR	12mm	12mm / 6mm				
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	PROBE SOCKET MANUFACTURING STANDARD						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFICAES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	24	RANGE HUMIDITY	0-90%RH						
	25	CALIBRATED RANGE HUMIDITY	30-60%RH						
	26	RANGE TEMPERATURE	-20 to 70°C						
	27	CALIBRATED RANGE TEMPERATURE	22°C						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
ACCESSORIES	29	CALIBRATED RANGE PRESSURE	62,5Pa						
	30	RANGE OF PRESSURE	0 to 100Pa						
	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
OPERATING CONDITIONS	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34	SENSOR CABLE LENGTH	10 METERS						
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR	GAS				
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa	°C				
	42	DENSITY @ OPERATING CONDITION	kg/m³						
	43	VISCOSITY @ OPERATING CONDITION	Cp						
	44	FLUID CONDUCTIVITY	µS/cm²						
	45	INCROSTATION	NO						
	47	MAXIMUM LOSS OF LOAD ALLOWED	-						
	48								
	49	MANUFACTURER	TESTO OR SIMILAR						
	50	MODEL							

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NUMBER: 569-DB7B-AIC-700-002

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TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER	MIT / PDIT / TIT-B2048-001						
	2	SERVICE	HUMIDITY - DIFERENTIAL PRESSURE - TEMP - ROOM B2048						
	3	P&ID	7B-I-0-7-03						
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE	FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC						
	6	AREA CLASSIFICATION	NOT CLASSIFIED						
	7	ENCLOSURE CLASSIFICATION	IP-65						
	8	CERTIFICATES	(SEE GENERAL NOTES 6)						
	9								
METER	9	DIAMETER OF SENSOR TEMP	DIAMETER PRESSURE SENSOR	12mm	12mm / 6mm				
	10	TUBE MATERIAL	STAINLESS STEEL						
	11	COATING MATERIAL	MANUFACTURING STANDARD						
	12	ELECTRODE MATERIAL	316SS						
	13	GROUNDING RING MATERIAL	YES (SEE GENERAL NOTES 7)						
	14	CONNECTIONS	PROBE SOCKET MANUFACTURING STANDARD						
	15	LOCAL TEMPERATURE	22°C						
	16	FLANGE FACE FINISH	-						
	17	ELECTRICAL CONNECTION	BACKPACK IN POSTS IDENTIFICAES						
CONVERTER / TRANSMITTER	18	MOUNTING	ON THE WALL						
	19	POWER SUPPLY	24 Vcc - 2 WIRE						
	20	OUTPUT SIGNAL	4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)						
	21	COMMUNICATION PROTOCOL	-						
	22	PRECISION	± 0.3% F.E.						
	23	REPEATABILITY	MANUFACTURING STANDARD						
	24	ELECTRICAL CONNECTION	MANUFACTURING STANDARD						
	25	LOCAL INDICATION	YES, LCD FRONT						
	24	RANGE HUMIDITY	0-90%RH						
	25	CALIBRATED RANGE HUMIDITY	30-60%RH						
	26	RANGE TEMPERATURE	-20 to 70°C						
	27	CALIBRATED RANGE TEMPERATURE	22°C						
	28	KEYBOARD FOR LOCAL CONFIGURATION	YES						
ACCESSORIES	29	CALIBRATED RANGE PRESSURE	37,5Pa						
	30	RANGE OF PRESSURE	0 to 100Pa						
	31	TAGGING	YES (SEE GENERAL NOTES 3)						
	32	SURGE PROTECTOR	YES						
OPERATING CONDITIONS	33	DISPLAY	3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU						
	34	SENSOR CABLE LENGTH	10 METERS						
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	AIR	GAS				
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-			
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-			
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-			
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa	°C				
	42	DENSITY @ OPERATING CONDITION	kg/m³						
	43	VISCOSITY @ OPERATING CONDITION	Cp						
	44	FLUID CONDUCTIVITY	µS/cm²						
	45	INCROSTATION	NO						
	47	MAXIMUM LOSS OF LOAD ALLOWED	-						
	48								
	49	MANUFACTURER	TESTO OR SIMILAR						
	50	MODEL							

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TRANSMITTERS

GENERAL	1	INSTRUMENT TAG NUMBER		MIT / PDIT / TIT-B2057-001					
	2	SERVIÇE		HUMIDITY - DIFERENTIAL PRESSURE - TEMP - ROOM B2057					
	3	P&ID		7B-I-0-7-03					
	4	PIPE LINE	EQUIPMENT NUMBER						
	5	EQUIPMENT MATERIAL / PIPE		FRONT PLATE STAINLESS STEEL, HOUSING PLASTIC					
	6	AREA CLASSIFICATION		NOT CLASSIFIED					
	7	ENCLOSURE CLASSIFICATION		IP-65					
	8	CERTIFICATES		(SEE GENERAL NOTES 6)					
	9								
METER	9	DIAMETER OF SENSOR TEMP	DIAMETER PRESSURE SENSOR	12mm	12mm / 6mm				
	10	TUBE MATERIAL		STAINLESS STEEL					
	11	COATING MATERIAL		MANUFACTURING STANDARD					
	12	ELECTRODE MATERIAL		316SS					
	13	GROUNDING RING MATERIAL		YES (SEE GENERAL NOTES 7)					
	14	CONNECTIONS		PROBE SOCKET MANUFATURING STANDARD					
	15	LOCAL TEMPERATURE		22°C					
	16	FLANGE FACE FINISH		-					
	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICATES					
CONVERTER / TRANSMITTER	18	MOUNTING		ON THE WALL					
	19	POWER SUPPLY		24 Vcc - 2 WIRE					
	20	OUTPUT SIGNAL		4 - 20 mA - 2 WIRE (500 ohms @ 24 Vcc)					
	21	COMMUNICATION PROTOCOL		-					
	22	PRECISION		± 0.3% F.E.					
	23	REPEATABILITY		MANUFACTURING STANDARD					
	24	ELECTRICAL CONNECTION		MANUFACTURING STANDARD					
	25	LOCAL INDICATION		YES, LCD FRONT					
	24	RANGE HUMIDITY		0-90%RH					
	25	CALIBRATED RANGE HUMIDITY		30-60%RH					
	26	RANGE TEMPERATURE		-20 to 70°C					
	27	CALIBRATED RANGE TEMPERATURE		22°C					
	28	KEYBOARD FOR LOCAL CONFIGURATION		YES					
	29	CALIBRATED RANGE PRESSURE		37,5Pa					
	30	RANGE OF PRESSURE		0 to 100Pa					
ACCESSORIES	31	TAGGING		YES (SEE GENERAL NOTES 3)					
	32	SURGE PROTECTOR		YES					
	33	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU					
	34	SENSOR CABLE LENGTH TEMPERATURE		10 METERS					
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS		AIR	GAS			
	37	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-		
	38	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-		
	39	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-		
	40	PROJECT FLOW							
	41	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa		°C			
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCROSTATION		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-					
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES: