	
DOC NUMBER: 569-DB7A-AIC-700-002		CLIENT NUMBER: PRD-AIC-DSH-001	
CLIENT: TAKEDA/BAXALTA			
PROJECT: BURITI EPCVM PROJECT			

DATA SHEET - DRUG PRODUCT
 TRANSMITTERS
 PRESSURE-TEMPERATURE-HUMIDITY

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	23JUL2021	90% DD ISSUE	MAB	MAF	RSP
A	08FEB2021	30% DD ISSUE	MAB	MAF	MAJ
REV	DATE	DESCRIPTION	EXEC	CHECK	APPROV

NUMBER: 569-DB7A-AIC-700-002

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TITLE

TRANSMITTERS





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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	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	/	/	/	/	/	
8	X	X	X	X	X		33	X	X	X	X	X		58						
9	X	X	X	X	X		34	X	X	X	X	X		59						
10	X	X	X	X	X		35	X	X	X	X	X		60						
11	X	X	X	X	X		36	X	X	X	X	X		61						
12	X	X	X	X	X		37	X	X	X	X	X		62						
13	X	X	X	X	X		38	X	X	X	X	X		63						
14	X	X	X	X	X		39	X	X	X	X	X		64						
15	X	X	X	X	X		40	X	X	X	X	X		65						
16	X	X	X	X	X		41	X	X	X	X	X		66						
17	X	X	X	X	X		42	X	X	X	X	X		67						
18	X	X	X	X	X		43	X	X	X	X	X		68						
19	X	X	X	X	X		44	X	X	X	X	X		69						
20	X	X	X	X	X		45	X	X	X	X	X		70						
21	X	X	X	X	X		46	X	X	X	X	X		71						
22	X	X	X	X	X		47	X	X	X	X	X		72						
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						

The information contained in this document is the property of TESSLER Engenharia and is provided to the customer under the condition that they are not used for other purposes other than those contractually established.

   	
NUMBER: 569-DB7A-AIC-700-002	CLIENT NR: PRD-AIC-DSH-001
TITLE	
TRANSMITTERS	SHEET: 3 de 56 REV.: 2
REFERENCE DOCUMENTS	
7A-M-0-5-21/ 7A-M-0-5-22/ 7A-M-0-5-23/ 7A-M-0-5-24/ 7A-M-0-5-25/ 7A-M-0-5-26 & 7A-M-0-5-26a - DRUG PRODUCT AFDs 7A-I-0-7-03_EMS_ARCHITECTURE	

GENERAL NOTES

- 1- Differential pressure transmiTITers 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 transmiTITer 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.
- 8- The data presented in the data sheets were taken from the document:
7A-M-0-5-21/ 7A-M-0-5-22/ 7A-M-0-5-23/ 7A-M-0-5-24/ 7A-M-0-5-25/ 7A-M-0-5-26 & 7A-M-0-5-26a - DRUG PRODUCT AFDs.

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

NUMBER: **569-DB7A-AIC-700-002**

CLIENT NR: **PRD-AIC-DSH-001**

TITLE

SHEET:
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TRANSMITTERS

REV.:
2

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-A2003-001					
	2	SERVICE		DIFFERENTIAL PRESSURE - ROOM A2003					
	3	P&ID		7A-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 / CONECONNECTION 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 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 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	INCRUSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		- bar					
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

NUMBER: **569-DB7A-AIC-700-002**

CLIENT NR: **PRD-AIC-DSH-001**

TITLE

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TRANSMITTERS

REV.:
2

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-A2004-001					
	2	SERVICE		DIFFERENTIAL PRESSURE - ROOM A2004					
	3	P&ID		7A-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 / CONENECTION 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 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 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	INCRUSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		- bar					
	48								
		49	MANUFACTURER		TESTO OR SIMILAR				
50		MODEL							

NOTES:

NUMBER: **569-DB7A-AIC-700-002**

CLIENT NR: **PRD-AIC-DSH-001**

TITLE

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TRANSMITTERS

REV.:
2

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-A2009-001					
	2	SERVICE		DIFFERENTIAL PRESSURE - ROOM A2009					
	3	P&ID		7A-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 / CONECONNECTION 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 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 OF PRESSURE		0 to 100Pa					
	27	CALIBRATED RANGE PRESSURE		37,5Pa					
	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	INCRUSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		- bar					
	48								
		49	MANUFACTURER		TESTO OR SIMILAR				
50		MODEL							

NOTES:

NUMBER: **569-DB7A-AIC-700-002**

CLIENT NR: **PRD-AIC-DSH-001**

TITLE

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TRANSMITTERS

REV.:
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GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-A2017-001-1					
	2	SERVICE		DIFFERENTIAL PRESSURE - ROOM A2017					
	3	P&ID		7A-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 / CONECONNECTION 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 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 OF PRESSURE		0 to 100Pa					
	27	CALIBRATED RANGE PRESSURE		12,5Pa					
	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		Pa		°C		
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCRUSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		- bar					
	48								
		49	MANUFACTURER		TESTO OR SIMILAR				
50		MODEL							

NOTES:

NUMBER: **569-DB7A-AIC-700-002**

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TITLE

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TRANSMITTERS





REV.:
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GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-A2017-001-2					
	2	SERVICE		DIFFERENTIAL PRESSURE - ROOM A2017					
	3	P&ID		7A-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 / CONENECTION 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 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 OF PRESSURE		0 to 100Pa					
	27	CALIBRATED RANGE PRESSURE		12,5Pa					
	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		Pa		°C		
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCRUSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		- bar					
	48								
		49	MANUFACTURER		TESTO OR SIMILAR				
50		MODEL							





NOTES:

 				 			
NUMBER: 569-DB7A-AIC-700-002				CLIENT NR: PRD-AIC-DSH-001			
TITLE						SHEET: 9 de 56	
TRANSMITTERS						REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER			PDIT-A2028-001		
	2	SERVICE			DIFFERENTIAL PRESSURE - ROOM A2028		
	3	P&ID			7A-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 / CONECONNECTION 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 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 OF PRESSURE			0 to 100Pa		
	27	CALIBRATED RANGE PRESSURE			37,5Pa		
	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		Pa		°C
	42	DENSITY @ OPERATING CONDITION			kg/m³		
	43	VISCOSITY @ OPERATING CONDITION			Cp		
	44	FLUID CONDUCTIVITY			µS/cm²		
	45	INCRUSTATION			NO		
	46	SUSPENDED SOLIDS (%)			NO		
	47	MAXIMUM LOSS OF LOAD ALLOWED			- bar		
	48						
	49	MANUFACTURER			TESTO OR SIMILAR		
50	MODEL						





NOTES:

 				 			
NUMBER: 569-DB7A-AIC-700-002				CLIENT NR: PRD-AIC-DSH-001			
TITLE						SHEET: 10 de 56	
TRANSMITTERS						REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER			PDIT-A2029-001-1		
	2	SERVICE			DIFFERENTIAL PRESSURE - ROOM A2029		
	3	P&ID			7A-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 / CONECONNECTION 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 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 OF PRESSURE			0 to 100Pa		
	27	CALIBRATED RANGE PRESSURE			37,5Pa		
	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		Pa		°C
	42	DENSITY @ OPERATING CONDITION			kg/m³		
	43	VISCOSITY @ OPERATING CONDITION			Cp		
	44	FLUID CONDUCTIVITY			µS/cm²		
	45	INCRUSTATION			NO		
	46	SUSPENDED SOLIDS (%)			NO		
	47	MAXIMUM LOSS OF LOAD ALLOWED			- bar		
	48						
	49	MANUFACTURER			TESTO OR SIMILAR		
	50	MODEL					





NOTES:

 				 			
NUMBER: 569-DB7A-AIC-700-002				CLIENT NR: PRD-AIC-DSH-001			
TITLE						SHEET: 11 de 56	
TRANSMITTERS						REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER			PDIT-A2029-001-2		
	2	SERVICE			DIFFERENTIAL PRESSURE - ROOM A2029		
	3	P&ID			7A-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 / CONECONNECTION 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 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 OF PRESSURE			0 to 100Pa		
	27	CALIBRATED RANGE PRESSURE			37,5Pa		
	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		Pa		°C
	42	DENSITY @ OPERATING CONDITION			kg/m³		
	43	VISCOSITY @ OPERATING CONDITION			Cp		
	44	FLUID CONDUCTIVITY			µS/cm²		
	45	INCRUSTATION			NO		
	46	SUSPENDED SOLIDS (%)			NO		
	47	MAXIMUM LOSS OF LOAD ALLOWED			- bar		
	48						
		49	MANUFACTURER			TESTO OR SIMILAR	
50		MODEL					

NOTES:

 				 			
NUMBER: 569-DB7A-AIC-700-002				CLIENT NR: PRD-AIC-DSH-001			
TITLE						SHEET: 12 de 56	
TRANSMITTERS						REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER			PDIT-A2030-001-1		
	2	SERVICE			DIFFERENTIAL PRESSURE - ROOM A2030		
	3	P&ID			7A-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 / CONECONNECTION 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 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 OF PRESSURE			0 to 100Pa		
	27	CALIBRATED RANGE PRESSURE			37,5Pa		
	28	KEYBOARD FOR LOCAL CONFIGURATION			YES		
	29	METER CASING			-		
ACCESSORIES	30	PULSE OUTPUT			-		
	31	TAGGING			YES (SEE GENERAL NOTES 3)		
	32	SURGE PROTECTOR			YES		
	33	DISPLAY			3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU		
	34						
OPERATING CONDITIONS	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	INCRUSTATION			NO		
	46	SUSPENDED SOLIDS (%)			NO		
	47	MAXIMUM LOSS OF LOAD ALLOWED			- bar		
	48						
		49	MANUFACTURER			TESTO OR SIMILAR	
50		MODEL					

NOTES:

 				 			
NUMBER: 569-DB7A-AIC-700-002				CLIENT NR: PRD-AIC-DSH-001			
TITLE						SHEET: 13 de 56	
TRANSMITTERS						REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER			PDIT-A2030-001-2		
	2	SERVICE			DIFFERENTIAL PRESSURE - ROOM A2030		
	3	P&ID			7A-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 / CONECONNECTION 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 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 OF PRESSURE			0 to 100Pa		
	27	CALIBRATED RANGE PRESSURE			37,5Pa		
	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		Pa		°C
	42	DENSITY @ OPERATING CONDITION			kg/m³		
	43	VISCOSITY @ OPERATING CONDITION			Cp		
	44	FLUID CONDUCTIVITY			µS/cm²		
	45	INCRUSTATION			NO		
	46	SUSPENDED SOLIDS (%)			NO		
	47	MAXIMUM LOSS OF LOAD ALLOWED			- bar		
	48						
		49	MANUFACTURER			TESTO OR SIMILAR	
50		MODEL					

NOTES:

NUMBER: **569-DB7A-AIC-700-002**

CLIENT NR: **PRD-AIC-DSH-001**

TITLE





TRANSMITTERS

SHEET:
14 de 56





REV.:
2

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-A2038-001-1					
	2	SERVICE		DIFFERENTIAL PRESSURE - ROOM A2038					
	3	P&ID		7A-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 / CONENECTION 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 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 OF PRESSURE		0 to 100Pa					
	27	CALIBRATED RANGE PRESSURE		37,5Pa					
	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		Pa		°C		
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCRUSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		- bar					
	48								
		49	MANUFACTURER		TESTO OR SIMILAR				
50		MODEL							

NOTES:

 				 			
NUMBER: 569-DB7A-AIC-700-002				CLIENT NR: PRD-AIC-DSH-001			
TITLE						SHEET: 15 de 56	
TRANSMITTERS						REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER			PDIT-A2038-001-1		
	2	SERVICE			DIFFERENTIAL PRESSURE - ROOM A2038		
	3	P&ID			7A-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 / CONECONNECTION 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 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 OF PRESSURE			0 to 100Pa		
	27	CALIBRATED RANGE PRESSURE			37,5Pa		
	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		Pa		°C
	42	DENSITY @ OPERATING CONDITION			kg/m³		
	43	VISCOSITY @ OPERATING CONDITION			Cp		
	44	FLUID CONDUCTIVITY			µS/cm²		
	45	INCRUSTATION			NO		
	46	SUSPENDED SOLIDS (%)			NO		
	47	MAXIMUM LOSS OF LOAD ALLOWED			- bar		
	48						
		49	MANUFACTURER			TESTO OR SIMILAR	
50		MODEL					

NOTES:

 				 			
NUMBER: 569-DB7A-AIC-700-002				CLIENT NR: PRD-AIC-DSH-001			
TITLE						SHEET: 16 de 56	
TRANSMITTERS						REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER			PDIT-A2034-001-1		
	2	SERVICE			DIFFERENTIAL PRESSURE - ROOM A2034		
	3	P&ID			7A-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 / CONECONNECTION 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 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 OF PRESSURE			0 to 100Pa		
	27	CALIBRATED RANGE PRESSURE			37,5Pa		
	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		Pa		°C
	42	DENSITY @ OPERATING CONDITION			kg/m³		
	43	VISCOSITY @ OPERATING CONDITION			Cp		
	44	FLUID CONDUCTIVITY			µS/cm²		
	45	INCRUSTATION			NO		
	46	SUSPENDED SOLIDS (%)			NO		
	47	MAXIMUM LOSS OF LOAD ALLOWED			- bar		
	48						
		49	MANUFACTURER			TESTO OR SIMILAR	
50		MODEL					

NOTES:

NUMBER: **569-DB7A-AIC-700-002**

CLIENT NR: **PRD-AIC-DSH-001**

TITLE

SHEET:
17 de 56

TRANSMITTERS

REV.:
2

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-A2034-001-2					
	2	SERVICE		DIFFERENTIAL PRESSURE - ROOM A2034					
	3	P&ID		7A-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 / CONECONNECTION 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 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 OF PRESSURE		0 to 100Pa					
	27	CALIBRATED RANGE PRESSURE		37,5Pa					
	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		Pa		°C		
	42	DENSITY @ OPERATING CONDITION		kg/m³					
	43	VISCOSITY @ OPERATING CONDITION		Cp					
	44	FLUID CONDUCTIVITY		µS/cm²					
	45	INCRUSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		- bar					
	48								
		49	MANUFACTURER		TESTO OR SIMILAR				
50		MODEL							

NOTES:

NUMBER: **569-DB7A-AIC-700-002**

CLIENT NR: **PRD-AIC-DSH-001**





TITLE

SHEET:
18 de 56
TRANSMITTERS

REV.:
2

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-A2040-001				
	2	SERVICE		DIFFERENTIAL PRESSURE - ROOM A2040				
	3	P&ID		7A-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 / CONENECTION 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 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 OF PRESSURE		0 to 100Pa				
	27	CALIBRATED RANGE PRESSURE		12,5Pa				
	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		Pa		°C	
	42	DENSITY @ OPERATING CONDITION			kg/m³			
	43	VISCOSITY @ OPERATING CONDITION			Cp			
	44	FLUID CONDUCTIVITY			µS/cm²			
	45	INCRUSTATION			NO			
	46	SUSPENDED SOLIDS (%)			NO			
	47	MAXIMUM LOSS OF LOAD ALLOWED			- bar			
	48							
		49	MANUFACTURER		TESTO OR SIMILAR			
50		MODEL						

NOTES:

   									
NUMBER: 569-DB7A-AIC-700-002			CLIENT NR: PRD-AIC-DSH-001						
TITLE				SHEET: 19 de 56					
TRANSMITTERS				REV.: 2					
GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-A2041-001					
	2	SERVICE		DIFFERENTIAL PRESSURE - ROOM A2041					
	3	P&ID		7A-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 / CONECONNECTION 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 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 OF PRESSURE		0 to 100Pa					
	27	CALIBRATED RANGE PRESSURE		37,5Pa					
	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		Pa		°C		
	42	DENSITY @ OPERATING CONDITION				kg/m³			
	43	VISCOSITY @ OPERATING CONDITION				Cp			
	44	FLUID CONDUCTIVITY				µS/cm²			
	45	INCRUSTATION				NO			
	46	SUSPENDED SOLIDS (%)				NO			
	47	MAXIMUM LOSS OF LOAD ALLOWED				- bar			
	48								
	49	MANUFACTURER				TESTO OR SIMILAR			
50	MODEL								

NOTES:

NUMBER: **569-DB7A-AIC-700-002**

CLIENT NR: **PRD-AIC-DSH-001**

TITLE

TRANSMITTERS

SHEET:
20 de 56

REV.:
2

GENERAL	1	INSTRUMENT TAG NUMBER		MIT / TIT-2006-01					
	2	SERVICE		HUMIDITY AND TEMPERATURE ROOM A2006					
	3	P&ID		7A-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		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 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					
	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	SENSOR CABLE LENGTH		10 METERS					
	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	INCRUSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-					
	48								
		49	MANUFACTURER		TESTO OR SIMILAR				
50		MODEL							

NOTES:

NUMBER: 569-DB7A-AIC-700-002

CLIENT NR: PRD-AIC-DSH-001

TITLE

TRANSMITTERS

SHEET:
21 de 56

REV.:
2

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT / MIT / TIT-2012-001					
	2	SERVICE		TEMPERATURE ROOM A2012					
	3	P&ID		7A-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		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 IDENTIFICATES						
CONVERTER / TRANSMITTER	18	DIAMETER OF SENSOR FRONT / CONENECTION BACK		12mm/6mm					
	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					
	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	SENSOR CABLE LENGTH		10 METERS					
	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	INCRUSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-					
	48								
		49	MANUFACTURER		TESTO OR SIMILAR				
50		MODEL							

NOTES:

NUMBER: **569-DB7A-AIC-700-002**

CLIENT NR: **PRD-AIC-DSH-001**

TITLE

SHEET:
22 de 56

TRANSMITTERS

REV.:
2

GENERAL	1	INSTRUMENT TAG NUMBER		MIT / TIT-2014-001					
	2	SERVICE		HUMIDITY AND TEMPERATURE ROOM A2014					
	3	P&ID		7A-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		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 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					
	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	SENSOR CABLE LENGTH		10 METERS					
	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	INCRUSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-					
	48								
		49	MANUFACTURER		TESTO OR SIMILAR				
50		MODEL							

NOTES:

NUMBER: **569-DB7A-AIC-700-002**

CLIENT NR: **PRD-AIC-DSH-001**

TITLE

SHEET:
23 de 56

TRANSMITTERS

REV.:
2

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT - 2005-001-1					
	2	SERVICE		DIFERENTIAL PRESSURE ROOM A2005					
	3	P&ID		7A-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			
	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 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					
	29	RANGE OF PRESSURE		0 to 100pA					
	30	RANGE OF CALIBRATED PRESSURE		12,5Pa					
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		-					
	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	INCRUSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-					
	48								
		49	MANUFACTURER		TESTO OR SIMILAR				
50		MODEL							

NOTES:

NUMBER: **569-DB7A-AIC-700-002**

CLIENT NR: **PRD-AIC-DSH-001**

TITLE





SHEET:
24 de 56

TRANSMITTERS





REV.:
2

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT - 2005-001-2			
	2	SERVICE		DIFERENTIAL PRESSURE ROOM A2005			
	3	P&ID		7A-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	
	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 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			
	29	RANGE OF PRESSURE		0 to 100pA			
	30	RANGE OF CALIBRATED PRESSURE		12,5Pa			
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		-			
	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	INCRUSTATION		NO			
	46	SUSPENDED SOLIDS (%)		NO			
	47	MAXIMUM LOSS OF LOAD ALLOWED		-			
	48						
		49	MANUFACTURER		TESTO OR SIMILAR		
50		MODEL					

NOTES:

   									
NUMBER: 569-DB7A-AIC-700-002			CLIENT NR: PRD-AIC-DSH-001						
TITLE				SHEET: 25 de 56					
TRANSMITTERS				REV.: 2					
GENERAL	1	INSTRUMENT TAG NUMBER		MIT / PDIT / TIT-2023-001					
	2	SERVICE		DIF PRESS, HUMIDITY AND TEMPERATURE ROOM A2023					
	3	P&ID		7A-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 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					
	29	RANGE OF PRESSURE		0 to 100pA					
30	RANGE OF CALIBRATED PRESSURE		25Pa						
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					
	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	INCRUSTATION				NO			
	46	SUSPENDED SOLIDS (%)				NO			
	47	MAXIMUM LOSS OF LOAD ALLOWED				-			
	48								
	49	MANUFACTURER		TESTO OR SIMILAR					
	50	MODEL							

NOTES:

   									
NUMBER: 569-DB7A-AIC-700-002			CLIENT NR: PRD-AIC-DSH-001						
TITLE				SHEET: 26 de 56					
TRANSMITTERS				REV.: 2					
GENERAL	1	INSTRUMENT TAG NUMBER		PDIT / MIT / TIT-2025-001					
	2	SERVICE		DIF PRESS, HUMIDITY AND TEMPERATURE ROOM A2025					
	3	P&ID		7A-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		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 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					
	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	SENSOR CABLE LENGTH		10 METERS					
	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	INCRUSTATION				NO			
	46	SUSPENDED SOLIDS (%)				NO			
	47	MAXIMUM LOSS OF LOAD ALLOWED				-			
	48								
	49	MANUFACTURER				TESTO OR SIMILAR			
50	MODEL								

NOTES:

NUMBER: **569-DB7A-AIC-700-002**

CLIENT NR: **PRD-AIC-DSH-001**

TITLE

SHEET:
27 de 56

TRANSMITTERS

REV.:
2

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-2035-001-1			
	2	SERVICE		DIFERENTIAL PRESSURE ROOM A2035			
	3	P&ID		7A-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/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		-			
CONVERTER / TRANSMITTER	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICATES			
	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		37,5Pa			
	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					
	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	INCRUSTATION		NO			
	46	SUSPENDE SOLIDS (%)		NO			
	47	MAXIMUM LOSS OF LOAD ALLOWED		-			
		48					
49		MANUFACTURER		TESTO OR SIMILAR			
	50	MODEL					

NOTES:

NUMBER: **569-DB7A-AIC-700-002**

CLIENT NR: **PRD-AIC-DSH-001**

TITLE





SHEET:
28 de 56

TRANSMITTERS

REV.:
2

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-2035-001-2					
	2	SERVICE		DIFERENTIAL PRESSURE ROOM A2035					
	3	P&ID		7A-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/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 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					
	29	RANGE OF PRESSURE		0 to 100pA					
	30	RANGE OF CALIBRATED PRESSURE		37,5Pa					
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		-					
	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	INCRUSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-					
	48								
		49	MANUFACTURER		TESTO OR SIMILAR				
50		MODEL							

NOTES:

 				 			
NUMBER: 569-DB7A-AIC-700-002				CLIENT NR: PRD-AIC-DSH-001			
TITLE						SHEET: 29 de 56	
TRANSMITTERS						REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER			PDIT-A2039-001-1		
	2	SERVICE			DIFERENTIAL PRESSURE ROOM A2039		
	3	P&ID			7A-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/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 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		
	29	RANGE OF PRESSURE			0 to 100pA		
30	RANGE OF CALIBRATED PRESSURE			37,5Pa			
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			-		
	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	INCRUSTATION			NO		
	46	SUSPENDED SOLIDS (%)			NO		
	47	MAXIMUM LOSS OF LOAD ALLOWED			-		
	48						
	49	MANUFACTURER			TESTO OR SIMILAR		
	50	MODEL					

NOTES:

NUMBER: **569-DB7A-AIC-700-002**

CLIENT NR: **PRD-AIC-DSH-001**

TITLE





TRANSMITTERS

SHEET:
30 de 56





REV.:
2

GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-A2039-001-2					
	2	SERVICE		DIFERENTIAL PRESSURE ROOM A2039					
	3	P&ID		7A-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/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 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					
	29	RANGE OF PRESSURE		0 to 100pA					
	30	RANGE OF CALIBRATED PRESSURE		37,5Pa					
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		-					
	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	INCRUSTATION		NO					
	46	SUSPENDED SOLIDS (%)		NO					
	47	MAXIMUM LOSS OF LOAD ALLOWED		-					
	48								
		49	MANUFACTURER		TESTO OR SIMILAR				
50		MODEL							





NOTES:

 				 			
NUMBER: 569-DB7A-AIC-700-002				CLIENT NR: PRD-AIC-DSH-001			
TITLE						SHEET: 31 de 56	
TRANSMITTERS						REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER			PDIT-A2046-001		
	2	SERVICE			DIFERENTIAL PRESSURE AND TEMPERATURE ROOM A2046		
	3	P&ID			7A-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/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 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		
	29	RANGE OF PRESSURE			0 to 100pA		
30	RANGE OF CALIBRATED PRESSURE			12,5Pa			
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			-		
	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	INCRUSTATION			NO		
	46	SUSPENDED SOLIDS (%)			NO		
	47	MAXIMUM LOSS OF LOAD ALLOWED			-		
	48						
	49	MANUFACTURER			TESTO OR SIMILAR		
	50	MODEL					





NOTES:

   					
NUMBER: 569-DB7A-AIC-700-002			CLIENT NR: PRD-AIC-DSH-001		
TITLE				SHEET: 32 de 56	
TRANSMITTERS				REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER		MIT / PDIT / TIT-A2001-001	
	2	SERVICE		HUMIDITY - DIFFERENTIAL PRESSURE - TEMP - ROOM A2001	
	3	P&ID		7A-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 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	
	31	CALIBRATED RANGE PRESSURE		37,5Pa	
ACCESSORIES	32	RANGE OF PRESSURE		0 to 100pA	
	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	
	36	FLUID	PHYSICAL STATUS	-	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	INCRUSTATION		NO	
	46	MAXIMUM LOSS OF LOAD ALLOWED		-	
	47				
	48				
	49	MANUFACTURER		TESTO OR SIMILAR	
	50	MODEL			





NOTES:

   					
NUMBER: 569-DB7A-AIC-700-002			CLIENT NR: PRD-AIC-DSH-001		
TITLE				SHEET: 33 de 56	
TRANSMITTERS				REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER		MIT / PDIT / TIT-A2002-001	
	2	SERVICE		HUMIDITY - DIFFERENTIAL PRESSURE - TEMP - ROOM A2002	
	3	P&ID		7A-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 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	-	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	INCRUSTATION		NO	
	46	MAXIMUM LOSS OF LOAD ALLOWED		-	
	47				
48					
49	MANUFACTURER		TESTO OR SIMILAR		
50	MODEL				





NOTES:

   					
NUMBER: 569-DB7A-AIC-700-002			CLIENT NR: PRD-AIC-DSH-001		
TITLE				SHEET: 34 de 56	
TRANSMITTERS				REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-A2026-001	
	2	SERVICE		DIFERENTIAL PRESSURE - ROOM A2026	
	3	P&ID		7A-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/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 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	
	31	CALIBRATED RANGE PRESSURE		62,5Pa	
ACCESSORIES	32	RANGE OF PRESSURE		0 to 100pA	
	33	TAGGING		YES (SEE GENERAL NOTES 3)	
	34	SURGE PROTECTOR		YES	
	35	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU	
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	-	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	INCRUSTATION		NO	
	46	MAXIMUM LOSS OF LOAD ALLOWED		-	
	47				
	48				
		49	MANUFACTURER		TESTO OR SIMILAR
50		MODEL			





NOTES:

 				 			
NUMBER: 569-DB7A-AIC-700-002				CLIENT NR: PRD-AIC-DSH-001			
TITLE						SHEET: 35 de 56	
TRANSMITTERS						REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER			PDIT-A2027-001-1		
	2	SERVICE			DIFERENTIAL PRESSURE - ROOM A2027		
	3	P&ID			7A-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/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 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		
	31	CALIBRATED RANGE PRESSURE			62,5Pa		
ACCESSORIES	32	RANGE OF PRESSURE			0 to 100pA		
	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			-		
	36	FLUID	PHYSICAL STATUS		-	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	INCRUSTATION			NO		
	46	MAXIMUM LOSS OF LOAD ALLOWED			-		
	47						
	49	MANUFACTURER			TESTO OR SIMILAR		
	50	MODEL					





NOTES:

   					
NUMBER: 569-DB7A-AIC-700-002			CLIENT NR: PRD-AIC-DSH-001		
TITLE				SHEET: 36 de 56	
TRANSMITTERS				REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-A2027-001-2	
	2	SERVICE		DIFERENTIAL PRESSURE - ROOM A2027	
	3	P&ID		7A-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/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 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	
	31	CALIBRATED RANGE PRESSURE		62,5Pa	
ACCESSORIES	32	RANGE OF PRESSURE		0 to 100pA	
	33	TAGGING		YES (SEE GENERAL NOTES 3)	
	34	SURGE PROTECTOR		YES	
	35	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU	
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	-	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	INCRUSTATION		NO	
	46	MAXIMUM LOSS OF LOAD ALLOWED		-	
	47				
	48				
		49	MANUFACTURER		TESTO OR SIMILAR
50		MODEL			





NOTES:

   					
NUMBER: 569-DB7A-AIC-700-002			CLIENT NR: PRD-AIC-DSH-001		
TITLE				SHEET: 37 de 56	
TRANSMITTERS				REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-A2031-001-1	
	2	SERVICE		DIFERENTIAL PRESSURE - ROOM A2031	
	3	P&ID		7A-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/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 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	
	31	CALIBRATED RANGE PRESSURE		62,5Pa	
ACCESSORIES	32	RANGE OF PRESSURE		0 to 100pA	
	33	TAGGING		YES (SEE GENERAL NOTES 3)	
	34	SURGE PROTECTOR		YES	
	35	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU	
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	-	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	INCRUSTATION		NO	
	46	MAXIMUM LOSS OF LOAD ALLOWED		-	
	47				
	48				
		49	MANUFACTURER		TESTO OR SIMILAR
50		MODEL			





NOTES:

   							
NUMBER: 569-DB7A-AIC-700-002				CLIENT NR: PRD-AIC-DSH-001			
TITLE							SHEET:
TRANSMITTERS							38 de 56
							REV.: 2
GENERAL	1	INSTRUMENT TAG NUMBER			PDIT-A2031-001-2		
	2	SERVICE			DIFERENTIAL PRESSURE - ROOM A2031		
	3	P&ID			7A-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/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 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		
	31	CALIBRATED RANGE PRESSURE			62,5Pa		
32	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		-	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	INCRUSTATION			NO		
	46	MAXIMUM LOSS OF LOAD ALLOWED			-		
	47						
	49	MANUFACTURER			TESTO OR SIMILAR		
	50	MODEL					

NOTES:

   					
NUMBER: 569-DB7A-AIC-700-002			CLIENT NR: PRD-AIC-DSH-001		
TITLE				SHEET: 39 de 56	
TRANSMITTERS				REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-A2032-001-1	
	2	SERVICE		DIFERENTIAL PRESSURE - ROOM A2032	
	3	P&ID		7A-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/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 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	
	31	CALIBRATED RANGE PRESSURE		62,5Pa	
ACCESSORIES	32	RANGE OF PRESSURE		0 to 100pA	
	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		-	
	36	FLUID	PHYSICAL STATUS	-	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	INCRUSTATION		NO	
	46	MAXIMUM LOSS OF LOAD ALLOWED		-	
	47				
	48				
	49	MANUFACTURER		TESTO OR SIMILAR	
	50	MODEL			

NOTES:

   					
NUMBER: 569-DB7A-AIC-700-002			CLIENT NR: PRD-AIC-DSH-001		
TITLE				SHEET: 40 de 56	
TRANSMITTERS				REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER		PDIT-A2032-001-2	
	2	SERVICE		DIFERENTIAL PRESSURE - ROOM A2032	
	3	P&ID		7A-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/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 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	
	31	CALIBRATED RANGE PRESSURE		62,5Pa	
ACCESSORIES	32	RANGE OF PRESSURE		0 to 100pA	
	33	TAGGING		YES (SEE GENERAL NOTES 3)	
	34	SURGE PROTECTOR		YES	
	35	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU	
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	-	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	INCRUSTATION		NO	
	46	MAXIMUM LOSS OF LOAD ALLOWED		-	
	47				
	48				
		49	MANUFACTURER		TESTO OR SIMILAR
50		MODEL			

NOTES:

NUMBER: 569-DB7A-AIC-700-002

CLIENT NR: PRD-AIC-DSH-001

TITLE





TRANSMITTERS

SHEET:
41 de 56





REV.:
2

GENERAL	1	INSTRUMENT TAG NUMBER		MIT / PDIT / TIT-A2036-001				
	2	SERVICE		HUMIDITY - DIFERENTIAL PRESSURE - TEMP - ROOM A2036				
	3	P&ID		7A-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		-				
CONVERTER / TRANSMITTER	17	ELECTRICAL CONNECTION		BACKPACK IN POSTS IDENTIFICATES				
	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		57,5Pa				
	30	RANGE OF PRESSURE		0 to 100pA				
	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	-	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	INCRUSTATION		NO				
	47	MAXIMUM LOSS OF LOAD ALLOWED		-				
	48							
		49	MANUFACTURER		TESTO OR SIMILAR			
		50	MODEL					





NOTES:

   					
NUMBER: 569-DB7A-AIC-700-002			CLIENT NR: PRD-AIC-DSH-001		
TITLE				SHEET: 42 de 56	
TRANSMITTERS				REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER		MIT / PDIT / TIT-A2037-001	
	2	SERVICE		HUMIDITY - DIFFERENTIAL PRESSURE - TEMP - ROOM A2037	
	3	P&ID		7A-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 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	
	31	CALIBRATED RANGE PRESSURE		37,5Pa	
ACCESSORIES	32	RANGE OF PRESSURE		0 to 100pA	
	33	TAGGING		YES (SEE GENERAL NOTES 3)	
	34	SURGE PROTECTOR		YES	
	35	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU	
OPERATING CONDITIONS	36	SENSOR CABLE LENGTH TEMPERATURE		10 METERS	
	37	FLUID	PHYSICAL STATUS	-	GAS
	38	MINIMUM FLOW	NORMAL	MAXIMUM	-
	39	MINIMUM PRESSURE	NORMAL	MAXIMUM	
	40	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	
	41	PROJECT FLOW			
	42	DESIGN PRESSURE	DESIGN TEMPERATURE	Pa	°C
	43	DENSITY @ OPERATING CONDITION		kg/m³	
	44	VISCOSITY @ OPERATING CONDITION		Cp	
	45	FLUID CONDUCTIVITY		µS/cm²	
	46	INCRUSTATION		NO	
	47	MAXIMUM LOSS OF LOAD ALLOWED		-	
	48				
	49	MANUFACTURER		TESTO OR SIMILAR	
	50	MODEL			





NOTES:

   					
NUMBER: 569-DB7A-AIC-700-002			CLIENT NR: PRD-AIC-DSH-001		
TITLE				SHEET: 43 de 56	
TRANSMITTERS				REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER		TIT-A1035-001	
	2	SERVICE		HUMIDITY - DIFFERENTIAL PRESSURE - TEMP - ROOM A1035	
	3	P&ID		7A-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 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	
	31	CALIBRATED RANGE PRESSURE			
ACCESSORIES	32	RANGE OF PRESSURE		0 to 100pA	
	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	
	36	FLUID	PHYSICAL STATUS	-	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	INCRUSTATION		NO	
	46	MAXIMUM LOSS OF LOAD ALLOWED		-	
	47				
	48				
	49	MANUFACTURER		TESTO OR SIMILAR	
	50	MODEL			





NOTES:

 				 			
NUMBER: 569-DB7A-AIC-700-002				CLIENT NR: PRD-AIC-DSH-001			
TITLE						SHEET: 44 de 56	
TRANSMITTERS						REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER			TIT-A2008-001		
	2	SERVICE			TEMP - ROOM A2008		
	3	P&ID			7A-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 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		-	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	INCRUSTATION			NO		
46	MAXIMUM LOSS OF LOAD ALLOWED			-			
47							
48							
49	MANUFACTURER			TESTO OR SIMILAR			
50	MODEL						

NOTES:

   							
NUMBER: 569-DB7A-AIC-700-002				CLIENT NR: PRD-AIC-DSH-001			
TITLE							SHEET: 45 de 56
TRANSMITTERS							REV.: 2
GENERAL	1	INSTRUMENT TAG NUMBER			TIT-FS-A2001-001		
	2	SERVICE			TEMP - ROOM A2049		
	3	P&ID			7A-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 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	CALIBRATED RANGE PRESSURE					
	32	RANGE OF PRESSURE			0 to 100pA		
	33	TAGGING			YES (SEE GENERAL NOTES 3)		
	34	SURGE PROTECTOR			YES		
OPERATING CONDITIONS	35	DISPLAY			3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU		
	36	SENSOR CABLE LENGTH TEMPERATURE			10 METERS		
	37	FLUID	PHYSICAL STATUS		-	GAS	
	38	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	-
	39	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	-
	40	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	-
	41	PROJECT FLOW					
	42	DESIGN PRESSURE	DESIGN TEMPERATURE		Pa	°C	
	43	DENSITY @ OPERATING CONDITION			kg/m³		
	44	VISCOSITY @ OPERATING CONDITION			Cp		
	45	FLUID CONDUCTIVITY			µS/cm²		
	46	INCRUSTATION			NO		
	47	MAXIMUM LOSS OF LOAD ALLOWED			-		
	48						
		49	MANUFACTURER			TESTO OR SIMILAR	
50		MODEL					

NOTES:

 				 			
NUMBER: 569-DB7A-AIC-700-002				CLIENT NR: PRD-AIC-DSH-001			
TITLE						SHEET: 46 de 56	
TRANSMITTERS						REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER			TIT-FS-2002-001		
	2	SERVICE			TEMP - ROOM A2014		
	3	P&ID			7A-I-O-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 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		-	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	INCRUSTATION			NO		
46	MAXIMUM LOSS OF LOAD ALLOWED			-			
47							
48							
49	MANUFACTURER			TESTO OR SIMILAR			
50	MODEL						

NOTES:

NUMBER: **569-DB7A-AIC-700-002**

CLIENT NR: **PRD-AIC-DSH-001**

TITLE





SHEET:
47 de 56

TRANSMITTERS





REV.:
2

GENERAL	1	INSTRUMENT TAG NUMBER		TIT-FR-3801-001			
	2	SERVICE		TEMP - ROOM A2037			
	3	P&ID		7A-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 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			
ACCESSORIES	29	CALIBRATED RANGE PRESSURE					
	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			
	36	FLUID	PHYSICAL STATUS	-		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	INCRUSTATION		NO			
	47	MAXIMUM LOSS OF LOAD ALLOWED		-			
	48						
	49	MANUFACTURER		TESTO OR SIMILAR			
	50	MODEL					

NOTES:

 				 			
NUMBER: 569-DB7A-AIC-700-002				CLIENT NR: PRD-AIC-DSH-001			
TITLE						SHEET: 48 de 56	
TRANSMITTERS						REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER			TIT-FR-3901-001		
	2	SERVICE			TEMP - ROOM A2036		
	3	P&ID			7A-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 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		-	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	INCRUSTATION			NO		
46	MAXIMUM LOSS OF LOAD ALLOWED			-			
47							
48							
	49	MANUFACTURER			TESTO OR SIMILAR		
	50	MODEL					

NOTES:

 				 			
NUMBER: 569-DB7A-AIC-700-002				CLIENT NR: PRD-AIC-DSH-001			
TITLE						SHEET: 49 de 56	
TRANSMITTERS						REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER			MIT / TIT-A1037-001		
	2	SERVICE			HUMIDITY - TEMP - ROOM A1037		
	3	P&ID			7A-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 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		
	31	CALIBRATED RANGE PRESSURE					
ACCESSORIES	32	RANGE OF PRESSURE			0 to 100pA		
	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		
	36	FLUID	PHYSICAL STATUS		-	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	INCRUSTATION			NO		
	46	MAXIMUM LOSS OF LOAD ALLOWED			-		
	47						
	48						
	49	MANUFACTURER			TESTO OR SIMILAR		
	50	MODEL					

NOTES:

NUMBER: **569-DB7A-AIC-700-002**

CLIENT NR: **PRD-AIC-DSH-001**

TITLE





TRANSMITTERS

SHEET:
50 de 56





REV.:
2

GENERAL	1	INSTRUMENT TAG NUMBER		MIT / TIT-A1002-001			
	2	SERVICE		HUMIDITY AND TEMPERATURE - ROOM A1002			
	3	P&ID		7A-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 HUMIDITY AND TEMPERATURE		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 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			
ACCESSORIES	29	CALIBRATED RANGE PRESSURE		-			
	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			
	36	FLUID	PHYSICAL STATUS	-	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	INCRUSTATION		NO			
	47	MAXIMUM LOSS OF LOAD ALLOWED		-			
48							
	49	MANUFACTURER		TESTO OR SIMILAR			
	50	MODEL					





NOTES:

 				 			
NUMBER: 569-DB7A-AIC-700-002				CLIENT NR: PRD-AIC-DSH-001			
TITLE						SHEET: 51 de 56	
TRANSMITTERS						REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER			MIT / TIT-A1004-001		
	2	SERVICE			HUMIDITY AND TEMPERATURE - ROOM A1004		
	3	P&ID			7A-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 HUMIDITY AND TEMPERATURE			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 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		
	31	CALIBRATED RANGE PRESSURE			-		
ACCESSORIES	32	RANGE OF PRESSURE			0 to 100pA		
	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		
	36	FLUID	PHYSICAL STATUS		-	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	INCRUSTATION			NO		
	46	MAXIMUM LOSS OF LOAD ALLOWED			-		
	47						
	48						
	49	MANUFACTURER			TESTO OR SIMILAR		
	50	MODEL					





NOTES:

   					
NUMBER: 569-DB7A-AIC-700-002			CLIENT NR: PRD-AIC-DSH-001		
TITLE				SHEET: 52 de 56	
TRANSMITTERS				REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER		MIT / TIT-A1006-001	
	2	SERVICE		HUMIDITY AND TEMPERATURE - ROOM A1006	
	3	P&ID		7A-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 HUMIDITY AND TEMPERATURE		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 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	
	31	CALIBRATED RANGE PRESSURE		-	
ACCESSORIES	32	RANGE OF PRESSURE		0 to 100pA	
	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	
	36	FLUID	PHYSICAL STATUS	-	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	INCRUSTATION		NO	
	46	MAXIMUM LOSS OF LOAD ALLOWED		-	
	47				
	48				
	49	MANUFACTURER		TESTO OR SIMILAR	
	50	MODEL			

NOTES:

 				 			
NUMBER: 569-DB7A-AIC-700-002				CLIENT NR: PRD-AIC-DSH-001			
TITLE						SHEET: 53 de 56	
TRANSMITTERS						REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER			MIT / TIT-A1007-001		
	2	SERVICE			HUMIDITY AND TEMPERATURE - ROOM A1007		
	3	P&ID			7A-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 HUMIDITY AND TEMPERATURE			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 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		
	31	CALIBRATED RANGE PRESSURE			-		
ACCESSORIES	32	RANGE OF PRESSURE			0 to 100pA		
	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		
	36	FLUID	PHYSICAL STATUS		-	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	INCRUSTATION			NO		
	46	MAXIMUM LOSS OF LOAD ALLOWED			-		
	47						
	48						
	49	MANUFACTURER			TESTO OR SIMILAR		
	50	MODEL					

NOTES:

   					
NUMBER: 569-DB7A-AIC-700-002			CLIENT NR: PRD-AIC-DSH-001		
TITLE				SHEET: 54 de 56	
TRANSMITTERS				REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER		MIT / TIT-A1019-001	
	2	SERVICE		HUMIDITY AND TEMPERATURE - ROOM A1019	
	3	P&ID		7A-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 HUMIDITY AND TEMPERATURE		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 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	
	31	CALIBRATED RANGE PRESSURE		-	
ACCESSORIES	32	RANGE OF PRESSURE		0 to 100pA	
	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	
	36	FLUID	PHYSICAL STATUS	-	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	INCRUSTATION		NO	
	46	MAXIMUM LOSS OF LOAD ALLOWED		-	
	47				
	48				
	49	MANUFACTURER		TESTO OR SIMILAR	
	50	MODEL			

NOTES:

NUMBER: **569-DB7A-AIC-700-002**

CLIENT NR: **PRD-AIC-DSH-001**

TITLE





SHEET:
55 de 56

TRANSMITTERS

REV.:
2

GENERAL	1	INSTRUMENT TAG NUMBER		MIT / TIT-A1029-001			
	2	SERVICE		HUMIDITY AND TEMPERATURE - ROOM A1029			
	3	P&ID		7A-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 HUMIDITY AND TEMPERATURE		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 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			
	31	CALIBRATED RANGE PRESSURE		-			
ACCESSORIES	32	RANGE OF PRESSURE		0 to 100pA			
	33	TAGGING		YES (SEE GENERAL NOTES 3)			
	34	SURGE PROTECTOR		YES			
	35	DISPLAY		3 LINE LCD WITH MULTI LANGUAGE OPERATING MENU			
OPERATING CONDITIONS	36	FLUID	PHYSICAL STATUS	-		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	INCRUSTATION		NO			
	46	MAXIMUM LOSS OF LOAD ALLOWED		-			
	47						
	48						
	49	MANUFACTURER		TESTO OR SIMILAR			
	50	MODEL					

NOTES:

 				 			
NUMBER: 569-DB7A-AIC-700-002				CLIENT NR: PRD-AIC-DSH-001			
TITLE						SHEET: 56 de 56	
TRANSMITTERS						REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER			MIT / TIT-A1040-001		
	2	SERVICE			HUMIDITY AND TEMPERATURE - ROOM A1040		
	3	P&ID			7A-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 HUMIDITY AND TEMPERATURE			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 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		
	31	CALIBRATED RANGE PRESSURE			-		
ACCESSORIES	32	RANGE OF PRESSURE			0 to 100pA		
	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		
	36	FLUID	PHYSICAL STATUS		-	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	INCRUSTATION			NO		
	46	MAXIMUM LOSS OF LOAD ALLOWED			-		
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NOTES: