	
DOC NUMBER: 569-DB7A-AIC-711-006		CLIENT NUMBER: PRD-AIC-DSH-077	
CLIENT: TAKEDA/BAXALTA			
PROJECT: BURITI EPCVM PROJECT			

DRUG PRODUCT - BMS – DATA SHEET TEMPERATURE AND HUMIDITY TRANSMITTER

1	29OCT2021	ISSUE FOR CONSTRUCTION CONSIDERING COMMENTS	MAV	MAF	RSP
0	29JUL2021	ISSUE FOR CONSTRUCTION	JHA	MAF	RSP
A	24MAR2021	60% DD ISSUE	JHA	MAF	RSP
REV	DATE	DESCRIPTION	EXEC	CHECK	APPROV

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TEMPERATURE AND HUMIDITY TRANSMITTER

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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			26							51						
2	X		X	X			27							52						
3	X		X	X			28							53						
4	X		X	X			29							54						
5	X		X	X			30							55						
6	X		X	X			31							56						
7	X		X	X			32							57						
8	X		X	X			33							58						
9	X		X	X			34							59						
10	X		X	X			35							60						
11	X		X	X			36							61						
12	X		X	X			37							62						
13	X		X	X			38							63						
14	X		X	X			39							64						
15	X		X	X			40							65						
16	X		X	X			41							66						
17	X		X	X			42							67						
18	X		X	/			43							68						
19	X		X	/			44							69						
20	/		/	/			45							70						
21							46							71						
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REVISION 0 NOTES:

- 1- UPDATE ACCORDING TO P&ID (HVAC AND PROCESS).
- 2- INSERTION OF PROCESS DATA.
- 3- INSERTION OF INSTRUMENT REFERENCE MODELS.

REVISION 1 NOTES:

- 1- CANCELLED TT/MT-AHU-7A-7-001, TT/MT-AHU-7A-7-002

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TITLE	
TEMPERATURE AND HUMIDITY TRANSMITTER	
<div style="float: right;"> SHEET: 3 de 17 REV.: 1 </div>	
REFERENCE DOCUMENTS	

7A-M-4-5-21	DRUG PRODUCT - AFD - AHU-7A-1
7A-M-4-5-22	DRUG PRODUCT - AFD - AHU-7A-2
7A-M-4-5-23	DRUG PRODUCT - AFD - AHU-7A-3
7A-M-4-5-24	DRUG PRODUCT - AFD - AHU-7A-4
7A-M-4-5-25	DRUG PRODUCT - AFD - AHU-7A-5
7A-M-4-5-26	DRUG PRODUCT - AFD - AHU-7A-6
7A-M-4-5-28	DRUG PRODUCT - AFD - DOAS-7A-1
7A-M-0-5-42	P&I DIAGRAM - DRUG PRODUCT - COOLING WATER SYSTEM
7A-M-0-5-43	P&I DIAGRAM - DRUG PRODUCT - CHILLED WATER GENERATION SYSTEM (HVAC)
7A-M-0-5-45	P&I DIAGRAM - DRUG PRODUCT - CHILLED GLYCOL GENERATION SYSTEM
7A-M-0-5-47	P&I DIAGRAM - DRUG PRODUCT - HEATING HOT WATER SYSTEM (HVAC)
7A-M-0-5-61	P&I DIAGRAM - DRUG PRODUCT - PLANT STEAM DISTRIBUTION SYSTEM (PROCESS + HVAC)
PRD-AIC-LIS-014	DRUG PRODUCT - BMS - INSTRUMENT INDEX
PRD-PIP-TSP-501	PIPE CLASS AND SPECIFICATION - TECHNICAL SPECIFICATION
PRD-AIC-LIS-046	INTEGRATED PROJECT SERVICES - INSTRUMENT SUGGESTED SUPPLIER LIST

- | GENERAL NOTES |
|---------------|
|---------------|
- 1- The transmitters must have the following characteristics:
 - a) They must be electronic, intelligent and programmable, with the transmission of the signal in the same physical medium as the power supply;
 - b) Support the respective maximum static design pressures;
 - c) They must be capable of identifying internal failures;
 - d) Be capable of setting the value of the output signal, programmable in 0% or 100% of the range, in case of sensor element failure;

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

 - 3- All electronic or electrical components that are subject to fungal and moisture attacks must be tropicalized, i.e., treated with polyurethane coating or equivalent to inhibit this attack.

 - 4- 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.

 - 5- All transmitters must have a calibration certificate with traceability according to ISO 9000.

 - 6- The identification plates must be made of AISI 304 stainless steel permanently attached to the instruments with a tag and serial number. The serial number of the instrument, when possible, can be recorded on the body itself.

 - 7- All electronic instruments must be provided with software asset management feature, with zero adjustment function, span adjustment and other remote settings via digital data communication. The software must be supplied with the instruments and when necessary the connecting cables must also be provided.

 - 8- The instrument display must be at least 2 lines with 5 characters on each line.

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GENERAL	1	INSTRUMENT TAG NUMBER		TT/MT-AHU-7A-1-001					
	2	SERVICE		RETURN HUMIDITY / TEMPERATURE AIR IN THE DUCT					
	3	P&ID		7B-M-0-5-21					
	4	PIPE LINE	EQUIPMENT NUMBER	RETURN DUCT		AHU-7A-1			
	5	EQUIPMENT MATERIAL / PIPE		-					
	6	AREA CLASSIFICATION		NOT CLASSIFIED					
	7	ENCLOSURE CLASSIFICATION		IP 65 (MÍN.) CONF. NBR IEC 60529					
	8	CERTIFICATES		(SEE GENERAL NOTES 4)					
	9								
TRANSMITTER	10	TYPE		MICROPROCESSED					
	11	MOUNTING		INTEGRAL ELEMENT					
	13	BODY PRESSURE CLASS		BY MANUFACTURER					
	14	HOUSING MATERIAL		POLYCARBONATE / ABS					
	15	POWER SUPPLY		24 Vcc - 2 WIRE					
	16	OUTPUT SIGNAL	QUANTITY	4 - 20 mA (500 ohms @ 24 Vcc)		(2x) CONFIGURABLE			
	17	COMMUNICATION PROTOCOL		HART					
	18	PRECISION		±0,25% F.E					
	19	REPEATABILITY		BY MANUFACTURER					
	20	CALIBRATION RANGE		BY MANUFACTURER					
	21	CALIBRATED RANGE							
	22	ELECTRICAL CONNECTION		BY MANUFACTURER					
	23	DJUSTABLE RANGE / A.J. LOCAL ZERO AND SPAN		YES / YES					
SENSOR	24	TYPE		TEMPERATURE AND HUMIDITY					
	33	MOUNTING		DUCT					
	25	ELEMENT TYPE	ELEMENT MATERIAL	BY MANUFACTURER		SS316L			
	26	LENGTH (L)	DIAMETER	300 mm		BY MANUFACTURER			
	27	HUMIDITY		0~100%					
	27	SENSOR CONNECTION TO WELL		BY MANUFACTURER					
	31	CONNECTION TO THE PROCESS		FLANGES FOR DUCT					
	35								
ACCESSORY	29	CONFIGURATOR CABLE		YES					
	30	DISPLAY		NO					
	32	FIXING FLANGE IN DUCT		YES					
	34	CABLE GLAND		YES					
	35								
OPERATING CONDITIONS	42	FLUID	PHYSICAL STATE		AIR		AIR		
	43	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	10	15	21	°C	
	44	MINIMUM PRESSURE	NORMAL	MAXIMUM		80	250	Pa	
	45	MINIMUM HUMIDITY	MAXIMUM HUMIDITY		30 %RH		60 %RH		
	46	VISCOSITY @ OPERATING CONDITION		Cp					
	47	DENSITY @ OPERATING CONDITION		kg/m³					
	48	SUSPENDED SOLIDS (%)		NO					
	49	M.M. / Z / Cp/Cv		... / ... / ...					
	50								
	51	MANUFACTURER		CONTEMP. OR SIMILAR					
	52	MODEL		S501					

NOTES:

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TEMPERATURE AND HUMIDITY TRANSMITTER

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GENERAL	1	INSTRUMENT TAG NUMBER		TT/MT-AHU-7A-1-002					
	2	SERVICE		SUPPLY HUMIDITY / TEMPERATURE AIR IN THE DUCT					
	3	P&ID		7A-M-4-5-21					
	4	PIPE LINE	EQUIPMENT NUMBER	SUPPLY DUCT		AHU-7A-1			
	5	EQUIPMENT MATERIAL / PIPE		-					
	6	AREA CLASSIFICATION		NOT CLASSIFIED					
	7	ENCLOSURE CLASSIFICATION		IP 65 (MÍN.) CONF. NBR IEC 60529					
	8	CERTIFICATES		(SEE GENERAL NOTES 4)					
	9								
TRANSMITTER	10	TYPE		MICROPROCESSED					
	11	MOUNTING		INTEGRAL ELEMENT					
	13	BODY PRESSURE CLASS		BY MANUFACTURER					
	14	HOUSING MATERIAL		POLYCARBONATE / ABS					
	15	POWER SUPPLY		24 Vcc - 2 WIRE					
	16	OUTPUT SIGNAL	QUANTITY	4 - 20 mA (500 ohms @ 24 Vcc)		(2x) CONFIGURABLE			
	17	COMMUNICATION PROTOCOL		HART					
	18	PRECISION		±0,25% F.E					
	19	REPEATABILITY		BY MANUFACTURER					
	20	CALIBRATION RANGE		BY MANUFACTURER					
	21	CALIBRATED RANGE		-					
	22	ELECTRICAL CONNECTION		BY MANUFACTURER					
	23	DJUSTABLE RANGE / A.J. LOCAL ZERO AND SPAN		YES / YES					
SENSOR	24	TYPE		TEMPERATURE AND HUMIDITY					
	33	MOUNTING		DUCT					
	25	ELEMENT TYPE	ELEMENT MATERIAL	BY MANUFACTURER		SS316L			
	26	LENGTH (L)	DIAMETER	300 mm		BY MANUFACTURER			
	27	HUMIDITY		0~100%					
	27	SENSOR CONNECTION TO WELL		BY MANUFACTURER					
	31	CONNECTION TO THE PROCESS		FLANGES FOR DUCT					
	35								
ACCESSORY	29	CONFIGURATOR CABLE		YES					
	30	DISPLAY		NO					
	32	FIXING FLANGE IN DUCT		YES					
	34	CABLE GLAND		YES					
	35								
OPERATING CONDITIONS	42	FLUID	PHYSICAL STATE		AIR		AIR		
	43	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	10	15	21	°C	
	44	MINIMUM PRESSURE	NORMAL	MAXIMUM		80	250	Pa	
	45	MINIMUM HUMIDITY	MAXIMUM HUMIDITY		30 %RH		60 %RH		
	46	VISCOSITY @ OPERATING CONDITION		Cp					
	47	DENSITY @ OPERATING CONDITION		kg/m³					
	48	SUSPENDED SOLIDS (%)		NO					
	49	M.M. / Z / Cp/Cv		... / ... / ...					
	50								
	51	MANUFACTURER		CONTEMP. OR SIMILAR					
	52	MODEL		S501					

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TITLE

TEMPERATURE AND HUMIDITY TRANSMITTER

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REV.:

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GENERAL	1	INSTRUMENT TAG NUMBER		TT/MT-AHU-7A-2-001	
	2	SERVICE		RETURN HUMIDITY AIR IN THE DUCT	
	3	P&ID		7A-M-4-5-22	
	4	PIPE LINE	EQUIPMENT NUMBER	RETURN DUCT	AHU-7A-2
	5	EQUIPMENT MATERIAL / PIPE		-	
	6	AREA CLASSIFICATION		NOT CLASSIFIED	
	7	ENCLOSURE CLASSIFICATION		IP 65 (MÍN.) CONF. NBR IEC 60529	
	8	CERTIFICATES		(SEE GENERAL NOTES 4)	
	9				
TRANSMITTER	10	TYPE		MICROPROCESSED	
	11	MOUNTING		INTEGRAL ELEMENT	
	13	BODY PRESSURE CLASS		BY MANUFACTURER	
	14	HOUSING MATERIAL		POLYCARBONATE / ABS	
	15	POWER SUPPLY		24 Vcc - 2 WIRE	
	16	OUTPUT SIGNAL	QUANTITY	4 - 20 mA (500 ohms @ 24 Vcc)	(2x) CONFIGURABLE
	17	COMMUNICATION PROTOCOL		HART	
	18	PRECISION		±0,25% F.E	
	19	REPEATABILITY		BY MANUFACTURER	
	20	CALIBRATION RANGE		BY MANUFACTURER	
	21	CALIBRATED RANGE			
	22	ELECTRICAL CONNECTION		BY MANUFACTURER	
	23	DJUSTABLE RANGE / AJ. LOCAL ZERO AND SPAN		YES / YES	
SENSOR	24	TYPE		TEMPERATURE AND HUMIDITY	
	33	MOUNTING		DUCT	
	25	ELEMENT TYPE	ELEMENT MATERIAL	BY MANUFACTURER	SS316L
	26	LENGTH (L)	DIAMETER	300 mm	BY MANUFACTURER
	27	HUMIDITY		0~100%	
	27	SENSOR CONNECTION TO WELL		BY MANUFACTURER	
	31	CONNECTION TO THE PROCESS		FLANGES FOR DUCT	
	35				
ACCESSORY	29	CONFIGURATOR CABLE		YES	
	30	DISPLAY		NO	
	32	FIXING FLANGE IN DUCT		YES	
	34	CABLE GLAND		YES	
	35				
OPERATING CONDITIONS	42	FLUID	PHYSICAL STATE	AIR	AIR
	43	MINIMUM TEMPERATURE	NORMAL	10	15 °C
	44	MINIMUM PRESSURE	NORMAL	80	250 Pa
	45	MINIMUM HUMIDITY	MAXIMUM HUMIDITY	30 %RH	60 %RH
	46	VISCOSITY @ OPERATING CONDITION		Cp	
	47	DENSITY @ OPERATING CONDITION		kg/m³	
	48	SUSPENDED SOLIDS (%)		NO	
	49	M.M. / Z / Cp/Cv		... / ... / ...	
	50				
	51	MANUFACTURER		CONTEMP. OR SIMILAR	
	52	MODEL		S501	

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GENERAL	1	INSTRUMENT TAG NUMBER		TT/MT-AHU-7A-2-002	
	2	SERVICE		SUPPLY HUMIDITY / TEMPERATURE AIR IN THE DUCT	
	3	P&ID		7A-M-4-5-22	
	4	PIPE LINE	EQUIPMENT NUMBER	SUPPLY DUCT	AHU-7A-2
	5	EQUIPMENT MATERIAL / PIPE		-	
	6	AREA CLASSIFICATION		NOT CLASSIFIED	
	7	ENCLOSURE CLASSIFICATION		IP 65 (MÍN.) CONF. NBR IEC 60529	
	8	CERTIFICATES		(SEE GENERAL NOTES 4)	
	9				
TRANSMITTER	10	TYPE		MICROPROCESSED	
	11	MOUNTING		INTEGRAL ELEMENT	
	13	BODY PRESSURE CLASS		BY MANUFACTURER	
	14	HOUSING MATERIAL		POLYCARBONATE / ABS	
	15	POWER SUPPLY		24 Vcc - 2 WIRE	
	16	OUTPUT SIGNAL	QUANTITY	4 - 20 mA (500 ohms @ 24 Vcc)	(2x) CONFIGURABLE
	17	COMMUNICATION PROTOCOL		HART	
	18	PRECISION		±0,25% F.E	
	19	REPEATABILITY		BY MANUFACTURER	
	20	CALIBRATION RANGE		BY MANUFACTURER	
	21	CALIBRATED RANGE			
	22	ELECTRICAL CONNECTION		BY MANUFACTURER	
	23	DJUSTABLE RANGE / AJ. LOCAL ZERO AND SPAN		YES / YES	
SENSOR	24	TYPE		TEMPERATURE AND HUMIDITY	
	33	MOUNTING		DUCT	
	25	ELEMENT TYPE	ELEMENT MATERIAL	BY MANUFACTURER	SS316L
	26	LENGTH (L)	DIAMETER	300 mm	BY MANUFACTURER
	27	HUMIDITY		0~100%	
	27	SENSOR CONNECTION TO WELL		BY MANUFACTURER	
	31	CONNECTION TO THE PROCESS		FLANGES FOR DUCT	
	35				
ACCESSORY	29	CONFIGURATOR CABLE		YES	
	30	DISPLAY		NO	
	32	FIXING FLANGE IN DUCT		YES	
	34	CABLE GLAND		YES	
	35				
	35				
OPERATING CONDITIONS	42	FLUID	PHYSICAL STATE	AIR	AIR
	43	MINIMUM TEMPERATURE	NORMAL	10	15 °C
	44	MINIMUM PRESSURE	NORMAL	80	250 Pa
	45	MINIMUM HUMIDITY	MAXIMUM HUMIDITY	30 %RH	60 %RH
	46	VISCOSITY @ OPERATING CONDITION		Cp	
	47	DENSITY @ OPERATING CONDITION		kg/m³	
	48	SUSPENDED SOLIDS (%)		NO	
	49	M.M. / Z / Cp/Cv		... / ... / ...	
	50				
	50				
	51	MANUFACTURER		CONTEMP. OR SIMILAR	
	52	MODEL		S501	

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GENERAL	1	INSTRUMENT TAG NUMBER		TT/MT-AHU-7A-3-001	
	2	SERVICE		RETURN HUMIDITY / TEMPERATURE AIR IN THE DUCT	
	3	P&ID		7B-M-0-5-23	
	4	PIPE LINE	EQUIPMENT NUMBER	RETURN DUCT	AHU-7A-3
	5	EQUIPMENT MATERIAL / PIPE		-	
	6	AREA CLASSIFICATION		NOT CLASSIFIED	
	7	ENCLOSURE CLASSIFICATION		IP 65 (MÍN.) CONF. NBR IEC 60529	
	8	CERTIFICATES		(SEE GENERAL NOTES 4)	
	9				
TRANSMITTER	10	TYPE		MICROPROCESSED	
	11	MOUNTING		INTEGRAL ELEMENT	
	13	BODY PRESSURE CLASS		BY MANUFACTURER	
	14	HOUSING MATERIAL		POLYCARBONATE / ABS	
	15	POWER SUPPLY		24 Vcc - 2 WIRE	
	16	OUTPUT SIGNAL	QUANTITY	4 - 20 mA (500 ohms @ 24 Vcc)	(2x) CONFIGURABLE
	17	COMMUNICATION PROTOCOL		HART	
	18	PRECISION		±0,25% F.E	
	19	REPEATABILITY		BY MANUFACTURER	
	20	CALIBRATION RANGE		BY MANUFACTURER	
	21	CALIBRATED RANGE			
	22	ELECTRICAL CONNECTION		BY MANUFACTURER	
	23	DJUSTABLE RANGE / AJ. LOCAL ZERO AND SPAN		YES / YES	
SENSOR	24	TYPE		TEMPERATURE AND HUMIDITY	
	33	MOUNTING		DUCT	
	25	ELEMENT TYPE	ELEMENT MATERIAL	BY MANUFACTURER	SS316L
	26	LENGTH (L)	DIAMETER	300 mm	BY MANUFACTURER
	27	HUMIDITY		0~100%	
	27	SENSOR CONNECTION TO WELL		BY MANUFACTURER	
	31	CONNECTION TO THE PROCESS		FLANGES FOR DUCT	
	35				
ACCESSORY	29	CONFIGURATOR CABLE		YES	
	30	DISPLAY		NO	
	32	FIXING FLANGE IN DUCT		YES	
	34	CABLE GLAND		YES	
	35				
OPERATING CONDITIONS	42	FLUID	PHYSICAL STATE	AIR	AIR
	43	MINIMUM TEMPERATURE	NORMAL	10	15 °C
	44	MINIMUM PRESSURE	NORMAL	80	250 Pa
	45	MINIMUM HUMIDITY	MAXIMUM HUMIDITY	30 %RH	60 %RH
	46	VISCOSITY @ OPERATING CONDITION		Cp	
	47	DENSITY @ OPERATING CONDITION		kg/m³	
	48	SUSPENDED SOLIDS (%)		NO	
	49	M.M. / Z / Cp/Cv		... / ... / ...	
	50				
	51	MANUFACTURER		CONTEMP. OR SIMILAR	
	52	MODEL		S501	

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TITLE

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SHEET:

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REV.:

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GENERAL	1	INSTRUMENT TAG NUMBER		TT/MT-AHU-7A-3-002					
	2	SERVICE		RETURN HUMIDITY / TEMPERATURE AIR IN THE DUCT					
	3	P&ID		7A-M-4-5-23					
	4	PIPE LINE	EQUIPMENT NUMBER	SUPPLY DUCT		AHU-7A-3			
	5	EQUIPMENT MATERIAL / PIPE		-					
	6	AREA CLASSIFICATION		NOT CLASSIFIED					
	7	ENCLOSURE CLASSIFICATION		IP 65 (MÍN.) CONF. NBR IEC 60529					
	8	CERTIFICATES		(SEE GENERAL NOTES 4)					
	9								
TRANSMITTER	10	TYPE		MICROPROCESSED					
	11	MOUNTING		INTEGRAL ELEMENT					
	13	BODY PRESSURE CLASS		BY MANUFACTURER					
	14	HOUSING MATERIAL		POLYCARBONATE / ABS					
	15	POWER SUPPLY		24 Vcc - 2 WIRE					
	16	OUTPUT SIGNAL	QUANTITY	4 - 20 mA (500 ohms @ 24 Vcc)		(2x) CONFIGURABLE			
	17	COMMUNICATION PROTOCOL		HART					
	18	PRECISION		±0,25% F.E					
	19	REPEATABILITY		BY MANUFACTURER					
	20	CALIBRATION RANGE		BY MANUFACTURER					
	21	CALIBRATED RANGE							
	22	ELECTRICAL CONNECTION		BY MANUFACTURER					
	23	DJUSTABLE RANGE / A.J. LOCAL ZERO AND SPAN		YES / YES					
SENSOR	24	TYPE		TEMPERATURE AND HUMIDITY					
	33	MOUNTING		DUCT					
	25	ELEMENT TYPE	ELEMENT MATERIAL	BY MANUFACTURER		SS316L			
	26	LENGTH (L)	DIAMETER	300 mm		BY MANUFACTURER			
	27	HUMIDITY		0~100%					
	27	SENSOR CONNECTION TO WELL		BY MANUFACTURER					
	31	CONNECTION TO THE PROCESS		FLANGES FOR DUCT					
	35								
ACCESSORY	29	CONFIGURATOR CABLE		YES					
	30	DISPLAY		NO					
	32	FIXING FLANGE IN DUCT		YES					
	34	CABLE GLAND		YES					
	35								
	OPERATING CONDITIONS	42	FLUID	PHYSICAL STATE		AIR		AIR	
43		MINIMUM TEMPERATURE	NORMAL	MAXIMUM	10	15	21	°C	
44		MINIMUM PRESSURE	NORMAL	MAXIMUM		80	250	Pa	
45		MINIMUM HUMIDITY	MAXIMUM HUMIDITY		30 %RH		60 %RH		
46		VISCOSITY @ OPERATING CONDITION		Cp					
47		DENSITY @ OPERATING CONDITION		kg/m³					
48		SUSPENDED SOLIDS (%)		NO					
49		M.M. / Z / Cp/Cv		... / ... / ...					
50									
		51	MANUFACTURER		CONTEMP. OR SIMILAR				
	52	MODEL		S501					

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GENERAL	1	INSTRUMENT TAG NUMBER		TT/MT-AHU-7A-4-001	
	2	SERVICE		RETURN HUMIDITY AIR IN THE DUCT	
	3	P&ID		7A-M-4-5-24	
	4	PIPE LINE	EQUIPMENT NUMBER	RETURN DUCT	AHU-7A-4
	5	EQUIPMENT MATERIAL / PIPE		-	
	6	AREA CLASSIFICATION		NOT CLASSIFIED	
	7	ENCLOSURE CLASSIFICATION		IP 65 (MÍN.) CONF. NBR IEC 60529	
	8	CERTIFICATES		(SEE GENERAL NOTES 4)	
	9				
TRANSMITTER	10	TYPE		MICROPROCESSED	
	11	MOUNTING		INTEGRAL ELEMENT	
	13	BODY PRESSURE CLASS		BY MANUFACTURER	
	14	HOUSING MATERIAL		POLYCARBONATE / ABS	
	15	POWER SUPPLY		24 Vcc - 2 WIRE	
	16	OUTPUT SIGNAL	QUANTITY	4 - 20 mA (500 ohms @ 24 Vcc)	(2x) CONFIGURABLE
	17	COMMUNICATION PROTOCOL		HART	
	18	PRECISION		±0,25% F.E	
	19	REPEATABILITY		BY MANUFACTURER	
	20	CALIBRATION RANGE		BY MANUFACTURER	
	21	CALIBRATED RANGE			
	22	ELECTRICAL CONNECTION		BY MANUFACTURER	
	23	DJUSTABLE RANGE / AJ. LOCAL ZERO AND SPAN		YES / YES	
SENSOR	24	TYPE		TEMPERATURE AND HUMIDITY	
	33	MOUNTING		DUCT	
	25	ELEMENT TYPE	ELEMENT MATERIAL	BY MANUFACTURER	SS316L
	26	LENGTH (L)	DIAMETER	300 mm	BY MANUFACTURER
	27	HUMIDITY		0~100%	
	27	SENSOR CONNECTION TO WELL		BY MANUFACTURER	
	31	CONNECTION TO THE PROCESS		FLANGES FOR DUCT	
	35				
ACCESSORY	29	CONFIGURATOR CABLE		YES	
	30	DISPLAY		NO	
	32	FIXING FLANGE IN DUCT		YES	
	34	CABLE GLAND		YES	
	35				
OPERATING CONDITIONS	42	FLUID	PHYSICAL STATE	AIR	AIR
	43	MINIMUM TEMPERATURE	NORMAL	10	15 °C
	44	MINIMUM PRESSURE	NORMAL	80	250 Pa
	45	MINIMUM HUMIDITY	MAXIMUM HUMIDITY	30 %RH	60 %RH
	46	VISCOSITY @ OPERATING CONDITION		Cp	
	47	DENSITY @ OPERATING CONDITION		kg/m³	
	48	SUSPENDED SOLIDS (%)		NO	
	49	M.M. / Z / Cp/Cv		... / ... / ...	
	50				
	51	MANUFACTURER		CONTEMP. OR SIMILAR	
	52	MODEL		S501	

NOTES:

NUMBER: 569-DB7A-AIC-711-006

CLIENT NR: PRD-AIC-DSH-077

TITLE

TEMPERATURE AND HUMIDITY TRANSMITTER

SHEET:

11 de 17

REV.:

1

GENERAL	1	INSTRUMENT TAG NUMBER		TT/MT-AHU-7A-4-002	
	2	SERVICE		RETURN HUMIDITY / TEMPERATURE AIR IN THE DUCT	
	3	P&ID		7A-M-4-5-24	
	4	PIPE LINE	EQUIPMENT NUMBER	SUPPLY DUCT	AHU-7A-4
	5	EQUIPMENT MATERIAL / PIPE		-	
	6	AREA CLASSIFICATION		NOT CLASSIFIED	
	7	ENCLOSURE CLASSIFICATION		IP 65 (MÍN.) CONF. NBR IEC 60529	
	8	CERTIFICATES		(SEE GENERAL NOTES 4)	
	9				
TRANSMITTER	10	TYPE		MICROPROCESSED	
	11	MOUNTING		INTEGRAL ELEMENT	
	13	BODY PRESSURE CLASS		BY MANUFACTURER	
	14	HOUSING MATERIAL		POLYCARBONATE / ABS	
	15	POWER SUPPLY		24 Vcc - 2 WIRE	
	16	OUTPUT SIGNAL	QUANTITY	4 - 20 mA (500 ohms @ 24 Vcc)	(2x) CONFIGURABLE
	17	COMMUNICATION PROTOCOL		HART	
	18	PRECISION		±0,25% F.E	
	19	REPEATABILITY		BY MANUFACTURER	
	20	CALIBRATION RANGE		BY MANUFACTURER	
	21	CALIBRATED RANGE			
	22	ELECTRICAL CONNECTION		BY MANUFACTURER	
	23	DJUSTABLE RANGE / AJ. LOCAL ZERO AND SPAN		YES / YES	
SENSOR	24	TYPE		TEMPERATURE AND HUMIDITY	
	33	MOUNTING		DUCT	
	25	ELEMENT TYPE	ELEMENT MATERIAL	BY MANUFACTURER	SS316L
	26	LENGTH (L)	DIAMETER	300 mm	BY MANUFACTURER
	27	HUMIDITY		0~100%	
	27	SENSOR CONNECTION TO WELL		BY MANUFACTURER	
	31	CONNECTION TO THE PROCESS		FLANGES FOR DUCT	
	35				
ACCESSORY	29	CONFIGURATOR CABLE		YES	
	30	DISPLAY		NO	
	32	FIXING FLANGE IN DUCT		YES	
	34	CABLE GLAND		YES	
	35				
OPERATING CONDITIONS	42	FLUID	PHYSICAL STATE	AIR	AIR
	43	MINIMUM TEMPERATURE	NORMAL	10	15 °C
	44	MINIMUM PRESSURE	NORMAL	80	250 Pa
	45	MINIMUM HUMIDITY	MAXIMUM HUMIDITY	30 %RH	60 %RH
	46	VISCOSITY @ OPERATING CONDITION		Cp	
	47	DENSITY @ OPERATING CONDITION		kg/m³	
	48	SUSPENDED SOLIDS (%)		NO	
	49	M.M. / Z / Cp/Cv		... / ... / ...	
	50				
	51	MANUFACTURER		CONTEMP. OR SIMILAR	
	52	MODEL		S501	

NOTES:

NUMBER: 569-DB7A-AIC-711-006

CLIENT NR: PRD-AIC-DSH-077

TITLE
TEMPERATURE AND HUMIDITY TRANSMITTER

SHEET:
12 de 17
REV.:
1

GENERAL	1	INSTRUMENT TAG NUMBER		TT/MT-AHU-7A-5-001	
	2	SERVICE		RETURN HUMIDITY AIR IN THE DUCT	
	3	P&ID		7A-M-4-5-25	
	4	PIPE LINE	EQUIPMENT NUMBER	RETURN DUCT	AHU-7A-5
	5	EQUIPMENT MATERIAL / PIPE		-	
	6	AREA CLASSIFICATION		NOT CLASSIFIED	
	7	ENCLOSURE CLASSIFICATION		IP 65 (MÍN.) CONF. NBR IEC 60529	
	8	CERTIFICATES		(SEE GENERAL NOTES 4)	
	9				
TRANSMITTER	10	TYPE		MICROPROCESSED	
	11	MOUNTING		INTEGRAL ELEMENT	
	13	BODY PRESSURE CLASS		BY MANUFACTURER	
	14	HOUSING MATERIAL		POLYCARBONATE / ABS	
	15	POWER SUPPLY		24 Vcc - 2 WIRE	
	16	OUTPUT SIGNAL	QUANTITY	4 - 20 mA (500 ohms @ 24 Vcc)	(2x) CONFIGURABLE
	17	COMMUNICATION PROTOCOL		HART	
	18	PRECISION		±0,25% F.E	
	19	REPEATABILITY		BY MANUFACTURER	
	20	CALIBRATION RANGE		BY MANUFACTURER	
	21	CALIBRATED RANGE			
	22	ELECTRICAL CONNECTION		BY MANUFACTURER	
	23	DJUSTABLE RANGE / AJ. LOCAL ZERO AND SPAN		YES / YES	
SENSOR	24	TYPE		TEMPERATURE AND HUMIDITY	
	33	MOUNTING		DUCT	
	25	ELEMENT TYPE	ELEMENT MATERIAL	BY MANUFACTURER	SS316L
	26	LENGTH (L)	DIAMETER	300 mm	BY MANUFACTURER
	27	HUMIDITY		0~100%	
	27	SENSOR CONNECTION TO WELL		BY MANUFACTURER	
	31	CONNECTION TO THE PROCESS		FLANGES FOR DUCT	
	35				
ACCESSORY	29	CONFIGURATOR CABLE		YES	
	30	DISPLAY		NO	
	32	FIXING FLANGE IN DUCT		YES	
	34	CABLE GLAND		YES	
	35				
OPERATING CONDITIONS	42	FLUID	PHYSICAL STATE	AIR	AIR
	43	MINIMUM TEMPERATURE	NORMAL	10	15 °C
	44	MINIMUM PRESSURE	NORMAL	80	250 Pa
	45	MINIMUM HUMIDITY	MAXIMUM HUMIDITY	30 %RH	60 %RH
	46	VISCOSITY @ OPERATING CONDITION		Cp	
	47	DENSITY @ OPERATING CONDITION		kg/m³	
	48	SUSPENDED SOLIDS (%)		NO	
	49	M.M. / Z / Cp/Cv		... / ... / ...	
	50				
	51	MANUFACTURER		CONTEMP. OR SIMILAR	
	52	MODEL		S501	

NOTES:

NUMBER: 569-DB7A-AIC-711-006

CLIENT NR: PRD-AIC-DSH-077

TITLE

SHEET:
13 de 17

TEMPERATURE AND HUMIDITY TRANSMITTER

REV.:
1

GENERAL	1	INSTRUMENT TAG NUMBER		TT/MT-AHU-7A-5-002	
	2	SERVICE		RETURN HUMIDITY AIR IN THE DUCT	
	3	P&ID		7A-M-4-5-25	
	4	PIPE LINE	EQUIPMENT NUMBER	SUPPLY DUCT	AHU-7A-5
	5	EQUIPMENT MATERIAL / PIPE		-	
	6	AREA CLASSIFICATION		NOT CLASSIFIED	
	7	ENCLOSURE CLASSIFICATION		IP 65 (MÍN.) CONF. NBR IEC 60529	
	8	CERTIFICATES		(SEE GENERAL NOTES 4)	
	9				
TRANSMITTER	10	TYPE		MICROPROCESSED	
	11	MOUNTING		INTEGRAL ELEMENT	
	13	BODY PRESSURE CLASS		BY MANUFACTURER	
	14	HOUSING MATERIAL		POLYCARBONATE / ABS	
	15	POWER SUPPLY		24 Vcc - 2 WIRE	
	16	OUTPUT SIGNAL	QUANTITY	4 - 20 mA (500 ohms @ 24 Vcc)	(2x) CONFIGURABLE
	17	COMMUNICATION PROTOCOL		HART	
	18	PRECISION		±0,25% F.E	
	19	REPEATABILITY		BY MANUFACTURER	
	20	CALIBRATION RANGE		BY MANUFACTURER	
	21	CALIBRATED RANGE			
	22	ELECTRICAL CONNECTION		BY MANUFACTURER	
	23	DJUSTABLE RANGE / AJ. LOCAL ZERO AND SPAN		YES / YES	
SENSOR	24	TYPE		TEMPERATURE AND HUMIDITY	
	33	MOUNTING		DUCT	
	25	ELEMENT TYPE	ELEMENT MATERIAL	BY MANUFACTURER	SS316L
	26	LENGTH (L)	DIAMETER	300 mm	BY MANUFACTURER
	27	HUMIDITY		0~100%	
	27	SENSOR CONNECTION TO WELL		BY MANUFACTURER	
	31	CONNECTION TO THE PROCESS		FLANGES FOR DUCT	
	35				
ACCESSORY	29	CONFIGURATOR CABLE		YES	
	30	DISPLAY		NO	
	32	FIXING FLANGE IN DUCT		YES	
	34	CABLE GLAND		YES	
	35				
OPERATING CONDITIONS	42	FLUID	PHYSICAL STATE	AIR	AIR
	43	MINIMUM TEMPERATURE	NORMAL	10	15 °C
	44	MINIMUM PRESSURE	NORMAL	80	250 Pa
	45	MINIMUM HUMIDITY	MAXIMUM HUMIDITY	30 %RH	60 %RH
	46	VISCOSITY @ OPERATING CONDITION		Cp	
	47	DENSITY @ OPERATING CONDITION		kg/m³	
	48	SUSPENDED SOLIDS (%)		NO	
	49	M.M. / Z / Cp/Cv		... / ... / ...	
	50				
	51	MANUFACTURER		CONTEMP. OR SIMILAR	
	52	MODEL		S501	

NOTES:

NUMBER: 569-DB7A-AIC-711-006

CLIENT NR: PRD-AIC-DSH-077

TITLE

SHEET:

14 de 17

TEMPERATURE AND HUMIDITY TRANSMITTER

REV.:

1

GENERAL	1	INSTRUMENT TAG NUMBER		TT/MT-AHU-7A-6-001	
	2	SERVICE		RETURN HUMIDITY / TEMPERATURE AIR IN THE DUCT	
	3	P&ID		7A-M-4-5-26	
	4	PIPE LINE	EQUIPMENT NUMBER	RETURN DUCT	AHU-7A-6
	5	EQUIPMENT MATERIAL / PIPE		-	
	6	AREA CLASSIFICATION		NOT CLASSIFIED	
	7	ENCLOSURE CLASSIFICATION		IP 65 (MÍN.) CONF. NBR IEC 60529	
	8	CERTIFICATES		(SEE GENERAL NOTES 4)	
	9				
TRANSMITTER	10	TYPE		MICROPROCESSED	
	11	MOUNTING		INTEGRAL ELEMENT	
	13	BODY PRESSURE CLASS		BY MANUFACTURER	
	14	HOUSING MATERIAL		POLYCARBONATE / ABS	
	15	POWER SUPPLY		24 Vcc - 2 WIRE	
	16	OUTPUT SIGNAL	QUANTITY	4 - 20 mA (500 ohms @ 24 Vcc)	(2x) CONFIGURABLE
	17	COMMUNICATION PROTOCOL		HART	
	18	PRECISION		±0,25% F.E	
	19	REPEATABILITY		BY MANUFACTURER	
	20	CALIBRATION RANGE		BY MANUFACTURER	
	21	CALIBRATED RANGE			
	22	ELECTRICAL CONNECTION		BY MANUFACTURER	
	23	DJUSTABLE RANGE / AJ. LOCAL ZERO AND SPAN		YES / YES	
SENSOR	24	TYPE		TEMPERATURE AND HUMIDITY	
	33	MOUNTING		DUCT	
	25	ELEMENT TYPE	ELEMENT MATERIAL	BY MANUFACTURER	SS316L
	26	LENGTH (L)	DIAMETER	300 mm	BY MANUFACTURER
	27	HUMIDITY		0~100%	
	27	SENSOR CONNECTION TO WELL		BY MANUFACTURER	
	31	CONNECTION TO THE PROCESS		FLANGES FOR DUCT	
	35				
ACCESSORY	29	CONFIGURATOR CABLE		YES	
	30	DISPLAY		NO	
	32	FIXING FLANGE IN DUCT		YES	
	34	CABLE GLAND		YES	
	35				
OPERATING CONDITIONS	42	FLUID	PHYSICAL STATE	AIR	AIR
	43	MINIMUM TEMPERATURE	NORMAL	10	15 °C
	44	MINIMUM PRESSURE	NORMAL	80	250 Pa
	45	MINIMUM HUMIDITY	MAXIMUM HUMIDITY	30 %RH	60 %RH
	46	VISCOSITY @ OPERATING CONDITION		Cp	
	47	DENSITY @ OPERATING CONDITION		kg/m³	
	48	SUSPENDED SOLIDS (%)		NO	
	49	M.M. / Z / Cp/Cv		... / ... / ...	
	50				
	51	MANUFACTURER		CONTEMP. OR SIMILAR	
	52	MODEL		S501	

NOTES:

NUMBER: 569-DB7A-AIC-711-006

CLIENT NR: PRD-AIC-DSH-077

TITLE

TEMPERATURE AND HUMIDITY TRANSMITTER

SHEET:

15 de 17

REV.:

1

GENERAL	1	INSTRUMENT TAG NUMBER		TT/MT-AHU-7A-6-002	
	2	SERVICE		RETURN HUMIDITY / TEMPERATURE AIR IN THE DUCT	
	3	P&ID		7A-M-4-5-26	
	4	PIPE LINE	EQUIPMENT NUMBER	SUPPLY DUCT	AHU-7A-6
	5	EQUIPMENT MATERIAL / PIPE		-	
	6	AREA CLASSIFICATION		NOT CLASSIFIED	
	7	ENCLOSURE CLASSIFICATION		IP 65 (MÍN.) CONF. NBR IEC 60529	
	8	CERTIFICATES		(SEE GENERAL NOTES 4)	
	9				
TRANSMITTER	10	TYPE		MICROPROCESSED	
	11	MOUNTING		INTEGRAL ELEMENT	
	13	BODY PRESSURE CLASS		BY MANUFACTURER	
	14	HOUSING MATERIAL		POLYCARBONATE / ABS	
	15	POWER SUPPLY		24 Vcc - 2 WIRE	
	16	OUTPUT SIGNAL	QUANTITY	4 - 20 mA (500 ohms @ 24 Vcc)	(2x) CONFIGURABLE
	17	COMMUNICATION PROTOCOL		HART	
	18	PRECISION		±0,25% F.E	
	19	REPEATABILITY		BY MANUFACTURER	
	20	CALIBRATION RANGE		BY MANUFACTURER	
	21	CALIBRATED RANGE			
	22	ELECTRICAL CONNECTION		BY MANUFACTURER	
	23	DJUSTABLE RANGE / AJ. LOCAL ZERO AND SPAN		YES / YES	
SENSOR	24	TYPE		TEMPERATURE AND HUMIDITY	
	33	MOUNTING		DUCT	
	25	ELEMENT TYPE	ELEMENT MATERIAL	BY MANUFACTURER	SS316L
	26	LENGTH (L)	DIAMETER	300 mm	BY MANUFACTURER
	27	HUMIDITY		0~100%	
	27	SENSOR CONNECTION TO WELL		BY MANUFACTURER	
	31	CONNECTION TO THE PROCESS		FLANGES FOR DUCT	
	35				
ACCESSORY	29	CONFIGURATOR CABLE		YES	
	30	DISPLAY		NO	
	32	FIXING FLANGE IN DUCT		YES	
	34	CABLE GLAND		YES	
	35				
	35				
OPERATING CONDITIONS	42	FLUID	PHYSICAL STATE	AIR	AIR
	43	MINIMUM TEMPERATURE	NORMAL	10	15 °C
	44	MINIMUM PRESSURE	NORMAL	80	250 Pa
	45	MINIMUM HUMIDITY	MAXIMUM HUMIDITY	30 %RH	60 %RH
	46	VISCOSITY @ OPERATING CONDITION		Cp	
	47	DENSITY @ OPERATING CONDITION		kg/m³	
	48	SUSPENDED SOLIDS (%)		NO	
	49	M.M. / Z / Cp/Cv		... / ... / ...	
	50				
	50				
	51	MANUFACTURER		CONTEMP. OR SIMILAR	
	52	MODEL		S501	

NOTES:

NUMBER: 569-DB7A-AIC-711-006

CLIENT NR: PRD-AIC-DSH-077

TITLE

SHEET: 16 de 17

TEMPERATURE AND HUMIDITY TRANSMITTER

REV.: 1

GENERAL	1	INSTRUMENT TAG NUMBER		TT/MT-EF-7A-6A-001	
	2	SERVICE		RETURN HUMIDITY / TEMPERATURE AIR IN THE DUCT	
	3	P&ID		7A-M-4-5-26	
	4	PIPE LINE	EQUIPMENT NUMBER	SUPPLY DUCT	EF-7A-6A
	5	EQUIPMENT MATERIAL / PIPE		-	
	6	AREA CLASSIFICATION		NOT CLASSIFIED	
	7	ENCLOSURE CLASSIFICATION		IP 65 (MÍN.) CONF. NBR IEC 60529	
	8	CERTIFICATES		(SEE GENERAL NOTES 4)	
	9				
TRANSMITTER	10	TYPE		MICROPROCESSED	
	11	MOUNTING		INTEGRAL ELEMENT	
	13	BODY PRESSURE CLASS		BY MANUFACTURER	
	14	HOUSING MATERIAL		POLYCARBONATE / ABS	
	15	POWER SUPPLY		24 Vcc - 2 WIRE	
	16	OUTPUT SIGNAL	QUANTITY	4 - 20 mA (500 ohms @ 24 Vcc)	(2x) CONFIGURABLE
	17	COMMUNICATION PROTOCOL		HART	
	18	PRECISION		±0,25% F.E	
	19	REPEATABILITY		BY MANUFACTURER	
	20	CALIBRATION RANGE		BY MANUFACTURER	
	21	CALIBRATED RANGE			
	22	ELECTRICAL CONNECTION		BY MANUFACTURER	
	23	DJUSTABLE RANGE / AJ. LOCAL ZERO AND SPAN		YES / YES	
SENSOR	24	TYPE		TEMPERATURE AND HUMIDITY	
	33	MOUNTING		DUCT	
	25	ELEMENT TYPE	ELEMENT MATERIAL	BY MANUFACTURER	SS316L
	26	LENGTH (L)	DIAMETER	300 mm	BY MANUFACTURER
	27	HUMIDITY		0~100%	
	27	SENSOR CONNECTION TO WELL		BY MANUFACTURER	
	31	CONNECTION TO THE PROCESS		FLANGES FOR DUCT	
	35				
ACCESSORY	29	CONFIGURATOR CABLE		YES	
	30	DISPLAY		NO	
	32	FIXING FLANGE IN DUCT		YES	
	34	CABLE GLAND		YES	
	35				
OPERATING CONDITIONS	42	FLUID	PHYSICAL STATE	AIR	AIR
	43	MINIMUM TEMPERATURE	NORMAL	10	15 °C
	44	MINIMUM PRESSURE	NORMAL	80	250 Pa
	45	MINIMUM HUMIDITY	MAXIMUM HUMIDITY	30 %RH	60 %RH
	46	VISCOSITY @ OPERATING CONDITION		Cp	
	47	DENSITY @ OPERATING CONDITION		kg/m³	
	48	SUSPENDED SOLIDS (%)		NO	
	49	M.M. / Z / Cp/Cv		... / ... / ...	
	50				
	51	MANUFACTURER		CONTEMP. OR SIMILAR	
	52	MODEL		S501	

NOTES:

NUMBER: 569-DB7A-AIC-711-006

CLIENT NR: PRD-AIC-DSH-077

TITLE

SHEET: 17 de 17

TEMPERATURE AND HUMIDITY TRANSMITTER

REV.: 1

GENERAL	1	INSTRUMENT TAG NUMBER		TT/MT-DOAS-7A-001	
	2	SERVICE		RETURN HUMIDITY AIR IN THE DUCT	
	3	P&ID		7A-M-4-5-28	
	4	PIPE LINE	EQUIPMENT NUMBER	SUPPLY DUCT	DOAS-7A-1
	5	EQUIPMENT MATERIAL / PIPE		-	
	6	AREA CLASSIFICATION		NOT CLASSIFIED	
	7	ENCLOSURE CLASSIFICATION		IP 65 (MÍN.) CONF. NBR IEC 60529	
	8	CERTIFICATES		(SEE GENERAL NOTES 4)	
	9				
TRANSMITTER	10	TYPE		MICROPROCESSED	
	11	MOUNTING		INTEGRAL ELEMENT	
	13	BODY PRESSURE CLASS		BY MANUFACTURER	
	14	HOUSING MATERIAL		POLYCARBONATE / ABS	
	15	POWER SUPPLY		24 Vcc - 2 WIRE	
	16	OUTPUT SIGNAL	QUANTITY	4 - 20 mA (500 ohms @ 24 Vcc)	(2x) CONFIGURABLE
	17	COMMUNICATION PROTOCOL		HART	
	18	PRECISION		±0,25% F.E	
	19	REPEATABILITY		BY MANUFACTURER	
	20	CALIBRATION RANGE		BY MANUFACTURER	
	21	CALIBRATED RANGE			
	22	ELECTRICAL CONNECTION		BY MANUFACTURER	
	23	DJUSTABLE RANGE / AJ. LOCAL ZERO AND SPAN		YES / YES	
SENSOR	24	TYPE		TEMPERATURE AND HUMIDITY	
	33	MOUNTING		DUCT	
	25	ELEMENT TYPE	ELEMENT MATERIAL	BY MANUFACTURER	SS316L
	26	LENGTH (L)	DIAMETER	300 mm	BY MANUFACTURER
	27	HUMIDITY		0~100%	
	27	SENSOR CONNECTION TO WELL		BY MANUFACTURER	
	31	CONNECTION TO THE PROCESS		FLANGES FOR DUCT	
	35				
ACCESSORY	29	CONFIGURATOR CABLE		YES	
	30	DISPLAY		NO	
	32	FIXING FLANGE IN DUCT		YES	
	34	CABLE GLAND		YES	
	35				
OPERATING CONDITIONS	42	FLUID	PHYSICAL STATE	AIR	AIR
	43	MINIMUM TEMPERATURE	NORMAL	10	15 °C
	44	MINIMUM PRESSURE	NORMAL	80	250 Pa
	45	MINIMUM HUMIDITY	MAXIMUM HUMIDITY	30 %RH	60 %RH
	46	VISCOSITY @ OPERATING CONDITION		Cp	
	47	DENSITY @ OPERATING CONDITION		kg/m³	
	48	SUSPENDED SOLIDS (%)		NO	
	49	M.M. / Z / Cp/Cv		... / ... / ...	
	50				
	51	MANUFACTURER		CONTEMP. OR SIMILAR	
	52	MODEL		S501	

NOTES: