

VAISALA

Order form
Orderer _____Valid from October 2016
Order no. _____

MMT330 Moisture and Temperature Transmitter Series for Oil

Vaisala HUMICAP® Moisture and Temperature Transmitter		MMT330	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Transmitter type	MMT332 MMT337 MMT338	for pressurized processes with flange for tight installations for pressurized pipelines	2 7 8																					
2	Probe cable length	2 m cable 5 m cable 10 m cable 2m cable 5 m cable 10 m cable 20 m cable 2 m cable for 232 mm probe 5 m cable for 232 mm probe 10 m cable for 232 mm probe 2 m cable for 454 mm probe 5 m cable for 454 mm probe 10 m cable for 454 mm probe 15 m cable for 454 mm probe 20 m cable for 454 mm probe	MMT332 MMT337 MMT338	B C D S T U 8 V W X 1 2 3 5 9																					
3	-----	None		0																					
4	Measurement parameters	aw+T aw+T+ppm %RS + ppm + T aw+T+ppm	ppm for mineral transformer oil only ppm for mineral transformer oil only specific transformer oil	E F G X																					
5	Display	None Graphical display with keypad		0 1																					
6	Power supply	10...35 VDC, 24 VAC 10...35 VDC, 24 VAC with galvanic isolation Universal AC -power (100...240 VAC) Universal AC -power (100...240 VAC) + US -power cord Universal AC -power (100...240 VAC) + EUR -power cord Universal AC -power (100...240 VAC) + UK -power cord Universal AC -power (100...240 VAC) + AUS -power cord		0 1 2 3 4 5 6																					
7	Analog output	4... 20 mA 0... 20 mA 0... 1 V 0... 5 V 0... 10 V		1 2 3 4 5																					
	Analog output parameter and scaling for Ch1&Ch2&Ch3	None T aw (0...1) ppm (0...100) ppm (0...500) %RS Define parameter (unit) for Ch1: () Ch2: () Optional Ch3: () Define scale for Ch1: Ch2: Optional Ch3:	(range: see below) (0...1) (0...100) (0...500) (0...100)	C P Q R R 4 4 4 X X X																					
8																									
9																									
11	Analog output range for temperature	None -40...+60 °C NOTE: -40...+80 °C -40...+120 °C -40...+180 °C -20...+60 °C -20...+80 °C -20...+120 °C -20...+180 °C 0...+60 °C 0...+100 °C 0...+120 °C 0...+180 °C -60...60 °C special	(-40...+140 °F) (-40...+176 °F) (-40...+248 °F) (-40...+356 °F) (-4...+140 °F) (-4...+176 °F) (-4...+248 °F) (-4...+356 °F) (+32...+140 °F) (+32...+212 °F) (+32...+248 °F) (+32...356 °F) (-76...+140 °F) ;	A B C D E F G H J K L M N P X																					
12	Output units	Metric Non-metric		1 2																					
13	Additional feature	None Relay output RS-485 serial interface (galvanically isolated) LAN (Ethernet) interface + 2 m cable (RJ45) WLAN (Wireless Ethernet) interface + antenna Data logging module*)		0 1 2 4 5 6																					
14	Additional feature 2	None Relay output 3rd Analog output Data logging module*)	Choose also analog output signal for Ch3	0 1 3 6																					
15	Interface cable connection	Cable gland M20*1.5 Conduit fitting NPT1/2" Connector (M12, 8 pin) and plug with 5m cable Connector (M12, 8 pin) and plug (screw terminal)	Standard connection: analog outputs CH1 and CH2, Serial line and operating voltage 10...35 V, 24VAC Standard connection: analog outputs CH1 and CH2, Serial line and operating voltage 10...35 V, 24VAC	A B C D																					
16	Transmitter housing installation	Wall Mounting Wall mounting plate (compatible with US junction boxes) Pipe / pole installation Pipe / pole installation with rain shield DIN-rail installation		0 1 2 3 4																					
17	Humidity sensor	Special sensor for fluids		2																					
18	Sensor protection	Stainless steel grid (standard) Stainless steel grid (for applications with high flow speed, >1 m/s)		D E																					
19	Probe installation accessories	None Swagelok connector NPT 1/2" Swagelok connector ISO 3/8" Swagelok connector ISO 1/2" Ball Valve ISO1/2 with welding joint Pressure fitting NPT1/2 Pressure fitting ISO 1/2 Ball Valve ISO1/2 with thread joint ISO3/4 Ball Valve ISO1/2 with ISO1/2 and NPT1/2 fitting bodies	for MMT337 for MMT337 for MMT337 for MMT338 for MMT338 for MMT338 for MMT338	A K L Y M N V Z 3																					
20	User's guide	None English German French Finnish Swedish Chinese Japanese		A B C D E F V J																					
21	PC accessories	None Service cable for PC, RS232 M70LINK software for Windows® with RS232 service cable Service cable for PC, USB M70LINK software for Windows® with USB service cable		A B C D E																					
22	Calibration	ISO9001 compliant factory calibration		A																					
23	Additional maintenance	No maintenance and repair contract																							

*) Choose data logging module only once (option 13 or 14)

Selections in bold are included in the prices of the basic versions.
Selections in italic are available at an extra price.

Example of order code with typical settings:

MMT330

End customer: _____

上海博众测量技术有限公司

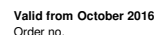
Bodhi (Shanghai) measurement technology Co.,Ltd.

NO.32,ShuPing Road, JiadingDistrict, ZIP201808,

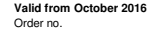
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Example of order code with typical settings:

MMT330	8	V	0	E	1	2	1	P	C	A	L	1	1	1	A	0	2	D	M	B	A	A	1
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End customer:

FAX: 0086 21 6630 8167