



Order form
Orderer _____

Valid from September, 2009
Order no. _____

MMT332 Moisture and Temperature Transmitter for Oil
for high pressure applications

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
Vaisala HUMICAP® Moisture and Temperature Transmitter		MMT330																								
1	Transmitter type	MMT332	2	0																				1	PRICE	
2	Probe cable length	2 m cable 5 m cable 10 m cable			B C D																					
3	-----	None		0																						
4	Measurement parameters	aw+T aw+T+ppm aw+T+ppm								E F X																
5	Display	No display Graphic LCD with backlight		0 1																						
6	Power supply	10...35 VDC, 24 VAC 10...35 VDC, 24 VAC with Galvanic Isolation for Outputs 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 (range: see below) aw (0...1) ppm (0...100) ppm (0...500)											C C P P Q Q R R X X X													
	SPECIAL	Define parameter (unit) for Ch1: _____ Ch2: _____ Optional Ch3: _____ Define scale for Ch1: _____ Ch2: _____ Optional Ch3: _____																								
8																										
9																										
10																										
11	Analog output range for temperature	None -40...+60 °C (-40...+140 °F) NOTE: -40...+80 °C (-40...+176 °F) - Choose option A, if no T output is desired -40...+120 °C (-40...+248 °F) -40...+180 °C (-40...+356 °F) -20...+60 °C (-4...+140 °F) -20...+80 °C (-4...+176 °F) -20...+120 °C (-4...+248 °F) -20...+180 °C (-4...+356 °F) 0...+60 °C (+32...+140 °F) 0...+100 °C (+32...+ 212 °F) 0...+120 °C (+32...248 °F) 0...+180 °C (+32...356 °F) SPECIAL -60...60 °C (-76...+140 °F)																								
12	Output units	Metric Non-metric																								
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*)																								
14	Additional feature 2	None Relay output 3rd Analog output Data logging module*)																								
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)																								
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																								
17	Sensor	Special sensor for fluids																								
18	Sensor protection	Stainless steel grid (standard) Stainless steel grid (for applications with high flow speed, >1 m/s)																								
19	Probe installation access.	None																								
20	User's guide	None English German French Swedish																								
21	PC accessories	None Service cable for PC, RS232 MI70LINK software for Windows® with RS232 service cable Service cable for PC, USB MI70LINK software for Windows® with USB service cable																								
22	Calibration	ISO9001 compliant factory calibration ISO9001 extended temperature range calibration (0 °C, +60 °C)																								
23	-----	None																								
*) Choose data logging module only once (option 13 or 14)																										
TOTAL																										
QTY																										
TOTAL VALUE																										

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 2 B 0 E 1 2 1 P C A L 1 1 1 A 0 2 D A B A A 1

End customer: _____



Order form
Orderer _____

Valid from September, 2009
Order no. _____

MMT338 Moisture and Temperature Transmitter for Oil
For pressurized pipelines

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23																								
Vaisala HUMICAP® Humidity and Temperature Transmitter		MMT330																						8	0																					PRICE		
1	Transmitter type	MMT338																						8																								
2	Probe cable length	2 m cable (6.6 ft) for standard probe 5 m cable (16.4 ft) for standard probe 10 m cable (32.8 ft) for standard probe 2 m cable (6.6 ft) for long probe 5 m cable (16.4 ft) for long probe 10 m cable (32.8 ft) for long probe																						V	W	X	1	2	3																			
3	----	None																						0																								
4	Measurement parameters	aw+T aw+T+ppm for mineral transformer oil only aw+T+ppm specific transformer oil oil type: _____																						E	F	X																						
5	Display	No display Graphic LCD with backlight																						0	1																							
6	Power supply	10...35 VDC 24 VAC Galvanic isolation for outputs 10...35 VDC 24 VAC 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)	No 3rd analog output T (range: see below) aw (0...1) (0...1) ppm (0...100) (0...100) ppm (0...500) (0...500)																																														
	SPECIAL	Define parameter (unit) for Ch1: _____ Ch2: _____ Optional Ch3: _____ Define scale for Ch1: _____ Ch2: _____ Optional Ch3: _____																																														
8		Channel 1																																														
9		Channel 2																																														
10		Channel 3, choose A, if not needed																																														
11	Analog output range for temperature	None -40...+60 °C (-40...+140 °F) NOTE: -40...+80 °C (-40...+176 °F) - Choose option A, if no T output is desired -40...+120 °C (-40...+248 °F) -40...+180 °C (-40...+356 °F) -20...+60 °C (-4...+140 °F) -20...+80 °C (-4...+176 °F) -20...+120 °C (-4...+248 °F) -20...+180 °C (-4...+356 °F) 0...+60 °C (+32...+140 °F) 0...+100 °C (+32...+ 212 °F) 0...+120 °C (+32...248 °F) 0...+180 °C (+32...356 °F) -60...60 °C (-76...+140 °F)																						A	B	C	D	E	F	G	H	J	K	L	M	N	P	X										
	SPECIAL	°C / F																																														
12	Output units	Metric Non-metric																						1	2																							
13	Additional feature	None Relay output RS-485 galvanic isolation 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 Choose also analog output signal for Ch3 Data logging module*)																						0	1	3	6																					
15	Interface cable connection	Cable gland (for 8...11mm cable) Conduit fitting for wire conduit (NPT1/2") Connector (M12, 8 pin) and plug with 5m cable Connector (M12, 8 pin) and plug (screw terminal)																						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	Sensor	Special sensor for fluids																																														
18	Sensor protection	Stainless steel grid (standard) Stainless steel grid (for applications with high flow speed, >1 m/s)																																														
19	Probe installation accessories	Ball valve set Pressure fitting NPT1/2 Pressure fitting ISO 1/2																																														
20	User's guide	None English German French Swedish																																														
21	PC accessories	None Service cable for PC, RS232 M170LINK software for Windows® with RS232 service cable Service cable for PC, USB M170LINK software for Windows® with USB service cable																																														
22	Calibration	ISO9001 compliant factory calibration ISO9001 extended temperature range calibration (0 °C, +60 °C)																																														
23	----	None																																														

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

TOTAL
QTY
TOTAL VALUE

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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

End customer: _____