



Order form
Orderer _____

Valid from April, 2011
Order no. _____

MMT332 Moisture and Temperature Transmitter for Oil
for high pressure applications

Vaisala HUMICAP® Moisture and Temperature Transmitter		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	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) -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)																								
	SPECIAL	°C / °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 Japanese																								
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)																										
																						1	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: _____



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Valid from April, 2011
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MMT337 Moisture and Temperature Transmitter for Oil
With Small Pressure-tight Probe

		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	7	0																					PRICE
1 Transmitter type	MMT337	7																						
2 Probe cable length	2 m cable 5 m cable 10 m cable		S	T	U																			
3 -----	None																							
4 Measurement parameters	aw+T aw+T+ppm aw+T+ppm								E	F	X													
5 Display	None Graphic LCD with backlight																							
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																							
7 Analog output	4... 20 mA 0... 20 mA 0... 1 V 0... 5 V 0... 10 V																							
Analog output parameter and scaling for Ch1&Ch2(&Ch3)	No 3rd analog output T (range: see below) aw (0...1) ppm (0...100) ppm (0...500)																							
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) -60...60 °C (-76...+140 °F)																							
SPECIAL	°C / F																							
12 Output units	Metric Non-metric																							
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*)																							
14 Additional feature 2	None Relay output 3rd Analog output Data logging module*)																							
15 Interface cable connection	Cable gland (for 8...11mm cable) (for 0.315...0.433 inch 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)																							
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 accessories	None Swagelok connector NPT 1/2" Swagelok connector ISO 3/8" Swagelok connector ISO 1/2"																							
20 User's guide	None English German French Swedish Japanese																							
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																							
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 7 S 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 April, 2011
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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													2			1	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 <i>for mineral transformer oil only</i> aw+T+ppm <i>specific transformer oil</i> 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)																					T	aw	ppm	ppm																						
SPECIAL		Define parameter (unit) for Ch1: () Ch2: () Optional Ch3: () Define scale for Ch1: Ch2: Optional Ch3:																					C	P	Q	R	X	C	P	Q	R	X	C	P	Q	R	X											
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																					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 mate (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)																					D	E																								
19	Probe installation accessories	Ball Valve ISO1/2 with welding joint Ball Valve ISO1/2 with thread joint ISO 3/4 Pressure fitting NPT1/2 Pressure fitting ISO 1/2 Ball Valve ISO1/2 with thread joint ISO3/4																					M	N	Z	V																						
20	User's guide	None English German French Swedish Japanese																					A	B	C	D	F	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 ISO9001 extended temperature range calibration (0 °C, +60 °C)																					A	B																								
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: _____