

HMT331 Humidity and Temperature Transmitter

For wall mounting

		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		HMT330	1	A	0															A				1
1	Transmitter type	HMT331																						
2	Wall probe	A																						
3	No additional temperature probe	0																						
4	Parameters	RH+T RH+T+Td+Td+a+x+Tw+ppm+pw+pws+h+dT																						
5	Display	No display Graphic LCD with backlight																						
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 External US AC-adapter (for LAN/WLAN interface in USA and Canada) Not IP65																						
7	Signal output	Analog output channel (Ch1&Ch2&Ch3) 4... 20 mA Analog output channel (Ch1&Ch2&Ch3) 0... 20 mA Analog output channel (Ch1&Ch2&Ch3) 0... 1 V Analog output channel (Ch1&Ch2&Ch3) 0... 5 V Analog output channel (Ch1&Ch2&Ch3) 0... 10 V + Serial interface RS232 or optional communication module																						
8	Analog output signals	No 3rd analog output																						
9	for Ch1, Ch2 and Ch3	RH (0...100%RH) T (range: see below) Td (-20...100 °C) (-4...+212 °F) TdF (-20...100 °C) (-4...+212 °F) a (0...600g/m3) (0...262 gr/ft3) Tw (0...100 °C) (+32...+212 °F) x (0...500g/kg d.a) (0...350gr/lb) h (-40...1500 kJ/kg) (-9.5...+652.6 Btu/lb) ppm (0...5000) (0...5000) pw (0...1000 hPa) (0...14.5psi) pws (0...1000 hPa) (0...14.5psi) dT (-10...+50 °C) (14...+122 °F)																						
10	SPECIAL Define quantity	Ch1: _____ Ch2: _____ Optional Ch3: _____ Ch1: _____ Ch2: _____ Optional Ch3: _____ Channel 1 Channel 2 Channel 3, choose A if not needed																						
11	Analog output range for temperature	No temperature output -40...+60 °C (-40...+140 °F) -20...+60 °C (-4...+140 °F) 0...+60 °C (+32...+140 °F) Special :																						
12	Output units	Metric Non-metric																						
13	Option for module slot 1	No module Relay output RS-485 serial interface (galvanically isolated) LAN (Ethernet) interface + 2 m cable (RJ45) Not with universal AC-power Data logger module																						
14	Option for module slot 2	No module Relay output 3rd Analog output Choose also analog output signal for Ch3 Data logger module Not possible if the data logger module has already been chosen in item 13																						
15	Cable bushings	Cable gland M20*1.5 Conduit fitting NPT1/2" Note! The Universal AC power not connected through 8-pole connector! 8-pole connector with 5 m cable 8-pole counter connector equipped with screw terminals																						
16	Transmitter installation	Normal mounting Wall mounting plate Pole installation kit Pole installation kit with rain shield DIN rail kit																						
17	Humidity sensor type	General purpose HUMICAP180 Chemical purge HUMICAP180C General purpose and high chemical concentrations HUMICAP180R Chemical purge HUMICAP180RC																						
18	Sensor protection	PPS plastic grid & stainless steel netting PPS plastic grid Sintered stainless steel filter																						
19	No probe installation kit	A																						
20	Operating manual language	No manual English German French Finnish Swedish Japanese Russian																						
21	PC Accessories	No 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 (-20 °C, 0 °C, +60 °C) Special calibration See separate order form																						
23	Additional maintenance	No maintenance and repair contract																						
																							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:

HMT330 1 A 0 A 1 0 1 B C A B 1 0 0 A 0 1 A A B A A 1

End customer: _____

HMT334 Humidity and Temperature Transmitter

For pressurized processes

		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		HMT334																						1	PRICE
1 Transmitter type	HMT334																								
2 Cable length	2 m cable 5 m cable 10 m cable																								
3 No additional temperature probe																									
4 Parameters	RH+T RH+T+Td+Tdf+a+x+Tw+ppm+pw+pws+h+dT																								
5 Display	No display Graphic LCD with backlight																								
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 External US AC adapter (for LAN/WLAN interface in USA and Canada) Not IP65																								
7 Signal output	Analog output channel (Ch1&Ch2&Ch3) 4...20 mA Analog output channel (Ch1&Ch2&Ch3) 0...20 mA Analog output channel (Ch1&Ch2&Ch3) 0...1 V Analog output channel (Ch1&Ch2&Ch3) 0...5 V Analog output channel (Ch1&Ch2&Ch3) 0...10 V + Serial interface RS232 or optional communication module																								
8 Analog output signals	No 3rd analog output																								
9 for Ch1 , Ch2 and Ch3	RH (0...100%RH) T (range: see below) Td (-20...100 °C) (-4...+212 °F) Tdf (-20...100 °C) (-4...+212 °F) a (0...600g/m3) (0...262 gr/ft3) Tw (0...100 °C) (+32...+212 °F) x (0...500g/kg d.a) (0...3500gr/lb) h (-40...1500 kJ/kg) (-9.5...+652.6 Btu/lb) ppm (0...5000) (0...5000) pw (0...1000 hPa) (0...14.5psi) pws (0...1000 hPa) (0...14.5psi) dT (-10...+50 °C) (14...+122 °F)																								
10 SPECIAL	Define quantity Define scale Ch1: _____ Ch2: _____ Optional Ch3: _____ Ch1: _____ Ch2: _____ Optional Ch3: _____ Channel 1 Channel 2 Channel 3, choose A, if not needed																								
11 Analog output range for temperature	No temperature output -40...+60 °C (-40...+140 F) -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 : _____																								
12 Output units	Metric Non-metric																								
13 Option for module slot 1	No module Relay output RS-485 serial interface (galvanically isolated) LAN (Ethernet) interface + 2 m cable (RJ45) WLAN (Wireless Ethernet) interface + antenna Data logger module																								
14 Option for module slot 2	No module Relay output 3rd Analog output Choose also analog output signal for Ch3 Data logger module Not possible if the data logger module has already been chosen in item 13																								
15 Cable bushings	Cable gland M20*1.5 Conduit fitting NPT1/2" 8-pole connector with 5m cable 8-pole counter connector equipped with screw terminals																								
16 Transmitter installation	Normal mounting Wall mounting plate Pole installation kit Pole installation kit with rain shield DIN rail kit																								
17 Humidity sensor type	General purpose HUMICAP180 Chemical purge HUMICAP180C General purpose and high chemical concentrations HUMICAP180R Chemical purge HUMICAP180RC																								
18 Sensor protection	PPS plastic grid & stainless steel netting PPS plastic grid Sintered stainless steel filter Stainless steel grid																								
19 Installation kit for probe	Fitting body M22 x 1,5 Fitting body NPT 1/2"																								
20 Operating manual language	No manual English German French Finnish Swedish Japanese Russian																								
21 PC Accessories	No 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 (-20 °C, 0 °C, +60 °C) Special calibration See separate order form																								
23 Additional maintenance	No maintenance and repair contract																								
																							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:

HMT334 4 H 0 A 1 0 1 B C A L 1 0 0 A 0 1 A E B A A 1

End customer: _____

HMT335 Humidity and Temperature Transmitter

For high temperatures

		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		HMT330	5	0																				1	PRICE
1	Transmitter type	HMT335																							
2	Cable length	2 m cable 5 m cable 10 m cable	L M N																						
3	No additional temperature probe			0																					
4	Parameters	RH+T RH+T+Td+Tdf+a+x+Tw+ppm+pw+pws+h+dT	A B																						
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 External US AC-adapter (for LAN/WLAN interface in USA and Canada) Not IP65		0 1 2 3 4 5 6 9																					
7	Signal output	Analog output channel (Ch1&Ch2&Ch3) Analog output channel (Ch1&Ch2&Ch3) Analog output channel (Ch1&Ch2&Ch3) Analog output channel (Ch1&Ch2&Ch3) Analog output channel (Ch1&Ch2&Ch3) + Serial interface RS232 or optional communication module		4... 20 mA 0... 20 mA 0... 1 V 0... 5 V 0... 10 V	1 2 3 4 5																				
8	Analog output signals	No 3rd analog output																							
9	for Ch1 , Ch2 and Ch3	RH T Td (-20...100 °C) Tdf (-20...100 °C) a (0...600g/m3) Tw (0...100 °C) x (0...500g/kg d.a.) h (-40...1500 kJ/kg) ppm (0...5000) pw (0...1000 hPa) pws (0...1000 hPa) dT (-10...+50 °C)	(0... 100%RH) (range: see below) (-4...+212 °F) (-4...+212 °F) (0...262 gr/ft3) (+32...+212 °F) (0...3500gr/lb) (-9.5...+652.6 Btu/lb) (0...5000) (0...14.5psi) (0...14.5psi) (14...+122 °F)																						
10	SPECIAL	Define quantity Define scale	Ch1: Ch2: Optional Ch3:																						
11	Analog output range for temperature	No temperature output -40...+60 °C -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)																						
12	Output units	Metric Non-metric																							
13	Option for module slot 1	No module Relay output RS-485 serial interface (galvanically isolated) LAN (Ethernet) interface + 2 m cable (RJ45) WLAN (Wireless Ethernet) interface + antenna Data logger module																							
14	Option for module slot 2	No module Relay output 3rd Analog output Data logger module	Choose also analog output signal for Ch3 Not possible if the data logger module has already been chosen in item 13																						
15	Cable bushings	Cable gland M20*1.5 Conduit fitting NPT1/2" 8-pole connector with 5m cable 8-pole counter connector equipped with screw terminals																							
16	Transmitter installation	Normal mounting Wall mounting plate Pole installation kit Pole installation kit with rain shield DIN rail kit																							
17	Humidity sensor type	General purpose Chemical purge General purpose and high chemical concentrations Chemical purge	HUMICAP180 HUMICAP180C HUMICAP180R HUMICAP180RC																						
18	Sensor protection in probe	PPS plastic grid & stainless steel netting PPS plastic grid Sintered stainless steel filter Stainless steel grid																							
19	Installation kit for probe	No kit Mounting flange																							
20	Operating manual language	No manual English German French Finnish Swedish Japanese Russian																							
21	PC Accessories	No 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 (-20 °C, 0 °C, +60 °C) Special calibration																							
23	Additional maintenance	No maintenance and repair contract																							
																							1	TOTAL	
																								QTY	
																								TOTAL VALUE	

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Example of order code with typical settings:

HMT330 5 L 0 A 1 0 1 B C A B 1 0 0 A 0 1 A A B A A 1

End customer: _____

HMT337 Humidity and Temperature Transmitter

For high humidities

		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		HMT330	7	0																				1	PRICE
1	Transmitter type	HMT337	7																						
2	Cable length	2 m cable 5 m cable 10 m cable	S T U																						
3	Additional temperature probe	No probe	0																						
4	Parameters	RH+T <i>RH+T+Td+Tdf+a+x+Tw+ppm+pw+pws+h+dT</i>	A B																						
5	Display	No display <i>Graphic LCD with backlight</i>	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 External US AC-adapter (for LAN/WLAN interface in USA and Canada) <i>Not IP65</i>	0 1 2 3 4 5 6 9																						
7	Signal output	Analog output channel (Ch1&Ch2&Ch3) Analog output channel (Ch1&Ch2&Ch3) Analog output channel (Ch1&Ch2&Ch3) Analog output channel (Ch1&Ch2&Ch3) Analog output channel (Ch1&Ch2&Ch3) + Serial interface RS232 or optional communication module	4...20 mA 0...20 mA 0...1 V 0...5 V 0...10 V	1 2 3 4 5																					
8	Analog output signals	No 3rd analog output																							
9	For Ch1, Ch2 and Ch3	RH (0...100%RH) T (range: see below) Td (-20...100 °C) (-4...+212 °F) Tdf (-20...100 °C) (-4...+212 °F) a (0...600g/m3) (0...262 gr/ft3) Tw (0...100 °C) (+32...+212 °F) x (0...500g/kg d.a) (0...3500gr/lb) h (-40...1500 kJ/kg) (-9.5...+652.6 Btu/lb) ppm (0...5000) (0...5000) pw (0...1000 hPa) (0...14.5psi) pws (0...1000 hPa) (0...14.5psi) dT (-10...+50 °C) (14...+122 °F)	B C D E F G H J K L M N X																						
SPECIAL	Define quantity Define scale	Ch1: _____ Ch2: _____ Optional Ch3: _____ Channel 1 Channel 2 Channel 3, choose A, if not needed	X X X																						
11	Analog output range for temperature	No temperature output -40...+60 °C (-40...+140 F) -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: _____	A B C D E F G H J K L M N P X																						
12	Output units	Metric Non-metric	1 2																						
13	Option for module slot 1	No module Relay output RS-485 serial interface (galvanically isolated) LAN (Ethernet) interface + 2 m cable (RJ45) WLAN (Wireless Ethernet) interface + antenna Data logger module	0 1 2 4 5 6																						
14	Option for module slot 2	No module Relay output 3rd Analog output Choose also analog output signal for Ch3 Data logger module Not possible if the data logger module has already been chosen in item 13	0 1 3 6																						
15	Cable bushings	Cable gland M20*1.5 Conduit fitting NPT1/2" Note! The Universal AC power not connected through 8-pole connector! 8-pole connector with 5m cable 8-pole counter connector equipped with screw terminals	A B C D																						
16	Transmitter installation	Normal mounting Wall mounting plate Pole installation kit Pole installation kit with rain shield DIN rail kit	0 1 2 3 4																						
17	Humidity sensor type	General purpose HUMICAP180 Chemical purge HUMICAP180C General purpose and high chemical concentrations HUMICAP180R Chemical purge HUMICAP180RC	1 4 A C																						
18	Sensor protection	PPS plastic grid & stainless steel netting PPS plastic grid Sintered stainless steel filter Stainless steel grid	A B C D																						
19	Installation kit for probe	No kit Duct installation kit Cable gland AGRO Swagelok NPT 1/2" Swagelok ISO 3/8" Swagelok ISO 1/2"	A C D K L Y																						
20	Operating manual language	No manual English German French Finnish Swedish Japanese Russian	A B C D E F J K																						
21	PC Accessories	No 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 (-20 °C, 0 °C, +60 °C) Special calibration See separate order form	A N X																						
23	Additional maintenance	No maintenance and repair contract	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:

HMT330 7 S 0 A 1 0 1 B C A B 1 0 0 A 0 1 A A B A A 1

End customer: _____

HMT337 Humidity and Temperature Transmitter with warmed probe For high humidities

Vaisala HUMICAP® Humidity and Temperature Transmitter		HMT330	7	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	1	PRICE		
1 Transmitter type	HMT337																													
2 Cable length (dew point probe)	2 m cable 5 m cable 10 m cable																													
3 Additional temperature probe	No probe 2 m cable 5 m cable 10 m cable																													
4 Parameters	Td+Td+xx+pw RH+T+Td+Td+xx+Tw+ppm+pw+pws+h+dT (dew point probe only) (with additional T probe)																													
5 Display	No display Graphic LCD with backlight																													
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 External US AC-adaptor (for LAN/WLAN interface in USA and Canada) Not IP65																													
7 Signal output	Analog output channel (Ch1&Ch2&Ch3) Analog output channel (Ch1&Ch2&Ch3) Analog output channel (Ch1&Ch2&Ch3) Analog output channel (Ch1&Ch2&Ch3) Analog output channel (Ch1&Ch2&Ch3) + Serial interface RS232 or optional communication module																													
8 Analog output signals for Ch1, Ch2 and Ch3	No 3rd analog output RH (0...100%RH) T (range: see below) Td (-20...100 °C) (-4...+212 °F) Tdf (-20...100 °C) (-4...+212 °F) a (0...600g/m3) (0...262 gr/ft3) Tw (0...100 °C) (+32...+212 °F) x (0...500g/kg d.a) (0...3500gr/lb) h (-40...1500 kJ/kg) (-9.5...+652.6 Btu/lb) ppm (0...5000) pw (0...1000 hPa) (0...14.5psi) pws (0...1000 hPa) (0...14.5psi) dT (-10...+50 °C) (14...+122 °F)																													
9 (ref. to parameters selection above)																														
SPECIAL Define quantity Define scale	Ch1: _____ Ch2: _____ Optional Ch3: _____ Ch1: _____ Ch2: _____ Optional Ch3: _____ Channel 1 Channel 2 Channel 3, choose A, if not needed																													
11 Analog output range for temperature	No temperature output -40...+60 °C (-40...+140 °F) -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 : _____																													
12 Output units	Metric Non-metric																													
13 Option for module slot 1	No module Relay output RS-485 serial interface (galvanically isolated) LAN (Ethernet) interface + 2 m cable (RJ45) WLAN (Wireless Ethernet) interface + antenna Data logger module																													
14 Option for module slot 2	No module Relay output 3rd Analog output Choose also analog output signal for Ch3 Data logger module Not possible if the data logger module has already been chosen in item 13																													
15 Cable bushings	Cable gland M20x1.5 Conduit fitting NPT1/2" Note! The Universal AC power not connected through 8-pole connector! 8-pole connector with 5m cable 8-pole counter connector equipped with screw terminals																													
16 Transmitter installation	Normal mounting Wall mounting plate Pole installation kit Pole installation kit with rain shield DIN rail kit																													
17 Humidity sensor type	Composite sensor Composite sensor with chemical purge Composite sensor Composite sensor with chemical purge Composite sensor for fuel cell applications																													
18 Sensor protection	PPS plastic grid & stainless steel netting Sintered stainless steel filter Stainless steel grid Membrane SST filter for fuel cell applications																													
19 Installation kit for probe	No kit Duct installation kit Swagelok NPT 1/2" Swagelok ISO 3/8" Duct installation kit (RH + T probes) Swagelok NPT 1/2" + Swagelok NPT 1/8" (RH+T) Swagelok ISO 3/8" + Swagelok ISO 1/8" (RH+T) Swagelok ISO 1/2"																													
20 Operating manual language	No manual English German French Finnish Swedish Japanese Russian																													
21 PC Accessories	No Service cable for PC, RS232 M70L INK software for Windows® with RS232 service cable Service cable for PC, USB M70L INK software for Windows® with USB service cable																													
22 Calibration	ISO9001 compliant factory calibration ISO9001 extended temperature range calibration (-20 °C, 0 °C, +60 °C) Special calibration See separate order form																													
23 Additional maintenance	No maintenance and repair contract																													

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:

HMT330 7 S 1 D 1 0 1 B C A B 1 0 0 A 0 5 A B A A 1

End customer: _____

TOTAL
QTY
TOTAL VALUE

HMT338 Humidity and Temperature Transmitter

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		HMT330	8	0																				1
1	Transmitter type	HMT338	8																					
2	Cable length	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	V W X 1 2 3																					
3	No additional temperature probe		0																					
4	Parameters	RH+T RH+T+Td+Tdf+a+x+Tw+ppm+pw+pws+h+dT	A B																					
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 External US AC-adaptor (for LAN/WLAN interface in USA and Canada) Not IP65	0 1 2 3 4 5 6 9																					
7	Signal output	Analog output channel (Ch1&Ch2&Ch3) Analog output channel (Ch1&Ch2&Ch3) Analog output channel (Ch1&Ch2&Ch3) Analog output channel (Ch1&Ch2&Ch3) Analog output channel (Ch1&Ch2&Ch3) + Serial interface RS232 or optional communication module	4... 20 mA 0... 20 mA 0... 1 V 0... 5 V 0... 10 V	1 2 3 4 5																				
8	Analog output signals	No 3rd analog output																						
9	for Ch1, Ch2 and Ch3	RH (0... 100%RH) T (range: see below) Td (-20...+100 °C) (-4...+212 °F) Tdf (-20...+100 °C) (-4...+212 °F) a (0...600g/m3) (0...262 gr/ft3) Tw (0...100 °C) (+32...+212 °F) x (0...1500 kg da) (0...3500gr/lb) h (-40...+1500 kJ/kg) (-9.5...+652.6 Btu/lb) ppm (0...5000) (0...5000) pw (0...1000 hPa) (0...14.5psi) pws (0...1000 hPa) (0...14.5psi) dT (-10...+50 °C) (14...+122 °F)	B C D E F G H J K L M N X																					
10	SPECIAL Define quantity Define scale	Ch1: _____ Ch2: _____ Optional Ch3: _____ Channel 1 Channel 2 Channel 3, choose A, if not needed	X X X																					
11	Analog output range for temperature	No temperature output -40...+60 °C (-40...+140 °F) -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 :	A B C D E F G H J K L M N P X																					
12	Output units	Metric Non-metric	1 2																					
13	Option for module slot 1	No module Relay output RS-485 serial interface (galvanically isolated) LAN (Ethernet) interface + 2 m cable (RJ45) WLAN (Wireless Ethernet) interface + antenna Data logger module	0 1 2 4 5 6																					
14	Option for module slot 2	No module Relay output 3rd Analog output Choose also analog output signal for Ch3 Data logger module Not possible if the data logger module has already been chosen in item 13	0 1 3 6																					
15	Cable bushings	Cable gland M20*1.5 Conduit fitting NPT1/2" Note! The Universal AC power not connected through 8-pole connector! 8-pole connector with 5m cable 8-pole counter connector equipped with screw terminals	A B C D																					
16	Transmitter installation	Normal mounting Wall mounting plate Pole installation kit Pole installation kit with rain shield DIN rail kit	0 1 2 3 4																					
17	Humidity sensor type	General purpose HUMICAP180 Chemical purge HUMICAP180C General purpose and high chemical concentrations HUMICAP180R Chemical purge HUMICAP180RC	1 4 A C																					
18	Sensor protection	PPS plastic grid & stainless steel netting PPS plastic grid Sintered stainless steel filter Stainless steel grid	A B C D																					
19	Installation kit for probe	Ball valve set (ISO 1/2") Pressure fitting NPT 1/2" Pressure fitting ISO 1/2"	M N V																					
20	Operating manual language	No manual English German French Finnish Swedish Japanese Russian	A B C D E F J K																					
21	PC Accessories	No 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 (-20 °C, 0 °C, +60 °C) Special calibration See separate order form	A N X																					
23	Additional maintenance	No maintenance and repair contract	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:

HMT330 8 V 0 A 1 0 1 B C A B 1 0 0 A 0 1 A A B A A 1

End customer: _____