



Order form
Purchaser

Valid from March 2017
Order no.

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
1	Transmitter type	HMT337	7																					
2	Cable length	2 m cable 5 m cable 10 m cable 20 m cable	S T U R																					
3	Additional temperature probe	No probe	0																					
4	Parameters	RH+T+Td+Td+a+x+Tw+ppm+pw+pws+h+dT	B																					
5	Display	No display 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 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) + 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 for Ch1, Ch2 and Ch3	No 3rd analog output RH (0... 100%RH) T (range : see below) Td (-20...100 °C) (-4...+212 °F) TdI (-20...100 °C) (-4...+212 °F) a (0...500g/m3) (0...262 gr/lb) 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)																						
9	SPECIAL	Define quantity Define scale Ch1: _____ Ch2: _____ Optional Ch3: _____																						
10																								
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	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) Data logger module	0 1 2 4 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 x 1.5 Conduit fitting NPT1/2" Note: The Universal AC power not connected through 8-pole connector! 8-pole connector with 5m cable spare cable: 212142 8-pole counter connector equipped with screw terminals spare connector: 212416 Bushing Set (Cable gland M20 x 1.5 and Conduit fitting NPT1/2")																						
16	Transmitter installation	Normal mounting Wall mounting plate item: 214829 Pole installation kit item: 215108 Pole installation kit with rain shield item: 215109 DIN rail kit item: 215094	0 1 2 3 4																					
17	Humidity sensor type	General purpose and high chemical concentrations HUMICAP180R spare: HUMICAP180R with chemical purge function HUMICAP180RC spare: HUMICAP180RC Catalytic humicap sensor with chemical purge HUMICAP180VC spare: HUMICAP180VC																						
18	Sensor protection	PPS plastic grid & stainless steel netting spare: DRW010281SP PPS plastic grid spare: DRW010276SP Sintered stainless steel filter spare: HM47280SP Stainless steel grid spare: HM47453SP																						
19	Installation kit for probe	No kit Duct installation kit item: 210697 Cable gland AGRO item: HMP247CG Swagelok NPT 1/2" item: SWG12NPT12 Swagelok ISO 3/8" item: SWG12ISO38 Swagelok ISO 1/2" item: SWG12ISO12																						
20	Operating manual language	No manual English German French Finnish Swedish Spanish pdf user's guides available at: www.vaisala.com/hmt330 Japanese Russian Chinese																						
21	PC Accessories	No Service cable for PC, RS232 (D9 female connector) item: 19446ZZ M170LINK software for Windows® with RS232 service cable item: 215005 Service cable for PC, USB item: 219685 M170LINK software for Windows® with USB service cable item: 219916																						
22	Calibration	ISO9001 compliant factory calibration service item for calibration: 216989 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 *italics* are available at an extra price.

Example of order code with typical settings:

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

End customer:



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Valid from March 2017
Order no.

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		7																									
2 Cable length (dew point probe)	2 m cable 5 m cable 10 m cable 20 m cable			S																								
3 Additional temperature probe	No probe 2 m cable 5 m cable 10 m cable 20 m cable																											
NOTE: select to measure RH and T																												
4 Parameters	Td+Td+xx+pw (dew point probe only) RH+T+Td+Td+xx+Tw+ppm+pw+pws+h+dT (with additional T probe)																											
5 Display	No display Graphical display with keypad																											
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 External US AC adapter (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) - Ch1&Ch2 are mandatory - Ch3 is optional 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/lb) 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)																											
9 (ref. to parameters selection above)																												
SPECIAL Define quantity Define scale	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) 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 x 1.5 Conduit fitting NPT1/2" Note: The Universal AC power not connected through 8-pole connector 8-pole counter connector equipped with screw terminals Bushing Set (Cable gland M20 x 1.5 and Conduit fitting NPT1/2")																											
16 Transmitter installation	Normal mounting Wall mounting plate item: 214829 Pole installation kit item: 215108 Pole installation kit with rain shield item: 215109 DIN rail kit item: 215094																											
17 Humidity sensor type	Chemical tolerant composite sensor HUMICAP180RC spare: HUMICAP180RC Composite sensor with chemical purge HUMICAP180RC spare: HUMICAP180RC Composite sensor for fuel cell applications HUMICAP180RC spare: HUMICAP180RC Heated catalytic humicap sensor with chemical purge HUMICAP180VC spare: HUMICAP180VC																											
18 Sensor protection	PPS plastic grid & stainless steel netting spare: DRW010281SP Sintered stainless steel filter spare: HM47280SP Stainless steel grid spare: HM47453SP Membrane SST filter for fuel cell applications spare: 214848SP																											
19 Installation kit for probe	No kit Duct installation kit (for RH probe) item: 210697 Swagelok NPT 1/2" item: SWG12NPT12 Swagelok ISO 3/8" item: SWG12ISO38 Duct installation kit (RH + T probes) item: 210697-215003 Swagelok NPT 1/2" + Swagelok NPT 1/8" (RH+T) item: SWG12NPT12-SWG12NPT18 Swagelok ISO 3/8" + Swagelok ISO 1/8" (RH+T) item: SWG12ISO38-SWG6ISO18 Swagelok ISO 1/2" item: SWG12ISO12 Splash/direct water protector for warmed RH&T and T probes HMT330WPA																											
20 Operating manual language	No manual English German French Finnish Swedish Spanish pdf user's guides available at: www.vaisala.com/hmt330 Japanese Russian Chinese																											
21 PC Accessories	No Service cable for PC, RS232 (D9 female connector) item: 19446ZZ MITOLINK software for Windows® with RS232 service cable item: 215005 Service cable for PC, USB item: 219685 MITOLINK software for Windows® with USB service cable item: 219916																											
22 Calibration	ISO9001 compliant factory calibration service item for calibration: RHCALSTD Special calibration see separate order form																											
23 Additional maintenance	No maintenance and repair contract																											
TOTAL																											1	
QTY																												
TOTAL VALUE																												

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

End customer: _____