

For high humidities

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	A	A	B	A	A	1
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End customer:



Order form
Purchaser

Valid from May 2015
Order no.

HMT337 Humidity and Temperature Transmitter with warmed probe

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		HMT337																						7
1 Transmitter type	HMT337	7																						
2 Cable length (dew point probe)	2 m cable	S																						
	5 m cable	U																						
	10 m cable	R																						
3 Additional temperature probe	No probe	0																						
	2 m cable	1																						
	5 m cable	2																						
	10 m cable	3																						
	20 m cable	7																						
NOTE: select to measure RH and T																								
4 Parameters	RH+T+Td+Td+a+x+Tw+ppm+pw+pws+h+dT	(dew point probe only) (with additional T probe) C																						
5 Display	No display	0																						
	Graphical display with keypad	1																						
6 Power supply	10...35 VDC, 24 VAC	0																						
	10...35 VDC, 24 VAC with galvanic isolation	1																						
	Universal AC-power (100...240 VAC)	2																						
	Universal AC-power (100...240 VAC) + US power cord	3																						
	Universal AC-power (100...240 VAC) + EUR power cord	4																						
	Universal AC-power (100...240 VAC) + UK power cord	5																						
	Universal AC-power (100...240 VAC) + AUS power cord	6																						
	External US AC-adaptor (for LAN/WLAN interface in USA and Canada)	9																						
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	A																						
9 for Ch1, Ch2 and Ch3	RH	(0... 100%RH) B																						
	T	(range: see below) C																						
	Td (-20...+100 °C)	(-4...+212 °F) D																						
	Td (-20...+100 °C)	(-4...+212 °F) E																						
	a (0...600g/m3)	(0...262 gr/lb) F																						
	Tw (0...+100 °C)	(+32...+212 °F) G																						
	x (0...500g/kg d.a)	(0...350gr/lb) H																						
	h (-40...+1500 kJ/kg)	(-93...+652.6 Btu/lb) J																						
	ppm (0...5000)	(0... 5000) K																						
	pw (0...1000 hPa)	(0...14.5psi) L																						
	pws (0...1000 hPa)	(0...14.5psi) M																						
	dT (-10...+50 °C)	(14...+122 °F) N																						
SPECIAL Define quantity Define scale	Ch1: Ch2: Ch3: Optional Ch3:	X X X X																						
	Channel 1 Channel 2 Channel 3, choose A, if not needed																							
11 Analog output range for temperature	No temperature output	A																						
	-40...+60 °C	(-40...+140 °F) B																						
	-40...+80 °C	(-40...+176 °F) C																						
	-40...+120 °C	(-40...+248 °F) D																						
	-40...+180 °C	(-40...+356 °F) E																						
NOTE: Choose option A, if no T output is desired																								
	-20...+60 °C	(-4...+140 °F) F																						
	-20...+80 °C	(-4...+176 °F) G																						
	-20...+120 °C	(-4...+248 °F) H																						
	-20...+180 °C	(-4...+356 °F) J																						
	0...+60 °C	(+32...+140 °F) K																						
	0...+100 °C	(+32...+212 °F) L																						
	0...+120 °C	(+32...+248 °F) M																						
	0...+160 °C	(+32...+356 °F) N																						
	-40...60 °C	(-40...+140 °F) P																						
	Special	X																						
12 Output units	Metric	1																						
	Non-metric	2																						
13 Option for module slot 1	No module	0																						
	Relay output	1																						
	RS-485 serial interface (galvanically isolated)	2																						
	LAN (Ethernet) interface + 2 m cable (RJ45)	4																						
	WLAN (Wireless Ethernet) interface + antenna	5																						
	Data logger module	6																						
14 Option for module slot 2	No module	0																						
	Relay output	1																						
	3rd Analog output	3																						
	Data logger module	6																						
	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 x 1.5	A																						
Note: The Universal	Conduit fitting NPT1/2"	B																						
AC power not connected	8-pole connector with 5m cable	C																						
through 8-pole connector	8-pole counter connector equipped with screw terminals	D																						
	Bushing Set (Cable gland M20 x 1.5 and Conduit fitting NPT1/2")	G																						
16 Transmitter installation	Normal mounting	0																						
	Wall mounting plate	item: 214829 1																						
	Pole installation kit	item: 215108 2																						
	Pole installation kit with rain shield	item: 215109 3																						
	DIN rail kit	item: 215094 4																						
17 Humidity sensor type	Chemical tolerant composite sensor	HUMICAP180RC spare: HUMICAP180RC D																						
	Composite sensor with chemical purge	HUMICAP180RC spare: HUMICAP180RC E																						
	Composite sensor for fuel cell applications	HUMICAP180RC spare: HUMICAP180RC F																						
	Composite sensor	HUMICAP180C spare: 229011SP 5																						
	Composite sensor with chemical purge	HUMICAP180C spare: 229011SP 6																						
	Heated catalytic humicap sensor with chemical purge	HUMICAP180VC spare: HUMICAP180VC L																						
18 Sensor protection	PPS plastic grid & stainless steel netting	spare: DRW010281SP A																						
	Sintered stainless steel filter	spare: HM47280SP B																						
	Stainless steel grid	spare: HM47453SP C																						
	Membrane SST filter for fuel cell applications	spare: 214846SP D																						
19 Installation kit for probe	No kit	A																						
	Duct installation kit (for RH probe)	item: 210697 C																						
	Swagelok NPT 1/2"	item: SWG12NPT12 K																						
	Swagelok ISO 3/8"	item: SWG12ISO38 L																						
	Duct installation kit (RH + T probes)	item: 210697-215003 P																						
	Swagelok NPT 1/2" + Swagelok NPT 1/8" (RH+T)	item: SWG12NPT12+SWG12NPT18 Q																						
	Swagelok ISO 3/8" + Swagelok ISO 1/8" (RH+T)	item: SWG12ISO38+SWG12ISO18 R																						
	Swagelok ISO 1.2"	item: SWG12ISO12 Y																						
	Splash/direct water protector for warmed RH&T and T probes	HMT330WPA 1																						
20 Operating manual language	No manual	A																						
	English	B																						
	German	C																						
	French	D																						
	Finnish	E																						
	Swedish	F																						
	Japanese	J																						
	Russian	K																						
	Chinese	V																						
21 PC Accessories	No	A																						
	Service cable for PC, RS232 (D9 female connector)	item: 19446ZZ B																						
	M70LINK software for Windows® with RS232 service cable	item: 215005 C																						
	Service cable for PC, USB	item: 219685 D																						
	M70LINK software for Windows® with USB service cable	item: 215816 E																						
22 Calibration	ISO9001 compliant factory calibration	service item for calibration: 216989 A																						
	ISO9001 extended temperature range calibration (-20 °C, 0 °C, +60 °C)	N																						
	Special calibration	see separate order form X																						
23 Additional maintenance	No maintenance and repair contract	1																						
TOTAL																								
QTY																								
TOTAL VALUE																								

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Example of order code with typical settings:

HMT337 7 S 1 D 1 0 1 B C A B 1 0 0 A 0 D A B A A 1 1

End customer: _____