



HMP60 Humidity and Temperature Probe, ±3 %RH

	Humidity and Temperature Probe, ±3 %RH	SPARE CODE	HMP60	1	2	3	4	5	6	7	8	9	
hardware	1 Output Signals	0 ... 1 V		A									
		0 ... 2.5 V		B									
		0 ... 5 V		C									
		1 ... 5 V		D									
		0 ... 1 V, 1 V error Level		E									
		Scaling for 4...20mA loop power converter ³		I									
		Modbus RTU		M									
		RS-485 Output		R									
	Serial Interface Mode for Vaisala Host Devices (HMT120, HMT130, HM40)		V										
settings	2 Measured Parameter for Channel 1	RS485 Digital Mode: All Parameters ¹		0									
		RH (0...100%)		1									
		T -40...+60 °C		2									
		Td -40...+60 °C		3									
		Tw -40...+60 °C		7									
		h (-40...+60 kJ/kg)		8									
		Special scale, please specify parameter and range:		X									
settings	3 Measured Parameter for Channel 2 ²	RS-485 or Current Interface ¹		0									
		RH (0...100%)		1									
		T -40...+60 °C		2									
		Td -40...+60 °C		3									
		Tw -40...+60 °C		7									
		h (-40...+60 kJ/kg)		8									
		Special scale, please specify parameter and range:		X									
hardware	4 Sensor Protection	+ Plastic Grid with Filter	DRW010525SP	A									
		Plastic Grid	DRW010522SP	B									
		• Stainless Steel Sintered Filter	HM46670SP	C									
		• Sintered PTFE Filter	DRW244938SP	E									
		Metal Grid with PTFE Membrane Filter	ASM212652SP	F									
accessory	5 Mounting Accessories	No Accessories		0									
		Pair of plastic nuts	18350SP	1									
		Probe Holder for HMT120/130/140		2									
		• Duct Installation Kit	215619	3									
accessory	7 Probe Cable Length	No Cable									1		
		• Shielded Cable, 0.32m, 4-pin M8 Female Straight	HMP50Z032SP									2	
		• Shielded Cable, 3.0m, 4-pin M8 Female Straight	HMP50Z300SP										3
		• Shielded cable, 1.5 m, High Temp	225777SP										4
		• Shielded cable, 3 m, High Temp	225229SP										5
		• Shielded Cable, 2m, snap in connector	211598										6
		• FEP Shielded cable 180°C, 3m	226902SP										F
		• FEP Shielded cable 180°C, 1.5m											
hardware	8 User Guide	No User's Guide										A	
		Multilingual Quick Guide HMP60 HMP110											B
hardware	9 Special	No Converter										0	
		• Component Board 4...20 mA loop powered converter	HMP110										7
		Always use single unit package										2	

1) Select this option only if you use digital communication or connect this product with Vaisala host device (such as HMT120 and RFL100)

2) Channel 2 parameters can be selected only if Analog output signals are used (0...1V, 0...2.5V, 0...5V, 1...5V)

3) Select for use with 4...20 mA loop power converter. Converts channel 1 output to 4 ... 20 mA signal when used with the optional 4 ... 20 mA loop converter circuit board

NOTE:	<p>Selections in bold are included in the prices of the basic versions.</p> <ul style="list-style-type: none"> • Selections in <i>italic</i> are available at an extra price. ★ Suggested/default selection
LINKS:	<p>User Guides</p> <p>Datasheet</p> <p>Vaisala.com product page</p> <p>Filter selection guide</p> <p>Cable datasheet</p>

Example of order code with typical settings:

	1	2	3	4	5	6	7	8	9
1V outputs:	HMP60	A	1	2	A	0	A	1	B
Modbus output:	HMP60	M	0	0	A	0	A	1	B

Related Items

Duct Installation Kit	
Shielded Cable, 3.0m, 4-pin M8, High Temp.	
Shielded Cable, 1.5m, 4-pin M8, High Temp.	
Probe Mounting Flange HMM100	
Probe Mounting Clamps (10 pcs) Probe Ø12	
FEP Cable shielded, 3.0m 4-Pin M8 Female Straight	
Shielded Cable, 1.5 m SAC-4-P-1.5-PUR/M 8FR SH	
Connection Cable, M8-4F 90° - open wires, 3 m	
Shielded Cable, 5 m SAC-4-P-5.0-PUR/M 8FR SH	
Shielded Cable, 10 m SAC-4-P-10.0-PUR/M8FR SH	
Shielded Cable, 20 m SAC-4P-20.0-PUR/M8FS SH	
Shielded Cable, 15 m SAC-4P-15.0-PUR/M 8FS	
Magnetic Probe Holder, 5pcs	
Flat cable, M8-4(M) - M8-4(F), 1m	
Spare Part M8 Splitter for RFL100	
Sensor Protection Grid DRW010522	
Metal Coated PPS Grid Filter with PTFE membrane, Male Thread	
Porous Sintered PTFE Filter Ø12, L25mm	
Sintered Stainless Steel Filter, Male Thread	
Connection Cable, M8-4F - Open Wires, 0.32 m	
Connection Cable, M8-4F - Open Wires, 10 m	
Shielded Cable, 1.20m 4-pin M8 Female Straight	
Connection Cable, M8-4F - Open Wires, 3 m	
Connection Cable, M8-4F - Open Wires, 5 m	
Connection Cable, M8-4F - M8-4M, 10 m	
Connection Cable, M8-4F - M8-4M, 1.2 m	
Connection Cable, M8-4F - M8-4M, 20 m	
Connection Cable, M8-4F - M8-4M, 3 m	
Connection Cable, M8-4F - M8-4M, 5 m	
Component Board 4...20 mA loop powered converter	

Part number

215619
225229SP
225777SP
226061
226067
226902SP
231519SP
231520SP
231521SP
231522SP
235859SP
236407SP
ASM213382SP
CBL210649SP
CBL210834SP
DRW010522SP
DRW010525SP
DRW244938SP
HM46670SP
HMP50Z032SP
HMP50Z1000SP
HMP50Z120
HMP50Z300SP
HMP50Z500SP
HMT120Z1000
HMT120Z120
HMT120Z2000
HMT120Z300
HMT120Z500
UI-CONVERTER-1CB