

VAISALA



HMP60 Order Form
G010024EN-A
Valid from July 2023

HMP60
Humidity and Temperature Probe, ±3 %RH

		1	2	3	4	5	6	7	8	9
Humidity and Temperature Probe, ±3 %RH		SPARE CODE		HMP60						
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...460 kJ/kg)							8	
		Special scale, please specify parameter and range: _____							X	
	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...460 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						J	
hardware	8 User Guide		No User's Guide						A	
			Multilingual Quick Guide HMP60 HMP110						B	
	9 Special		No Converter						0	
		•	Component Board 4...20 mA loop powered converter	HMP110					1	
			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:

Selections in bold are included in the prices of the basic versions.

- Selections in *italic* are available at an extra price.
- ✦ Suggested/default selection

LINKS:

[User Guides](#)
[Datasheet](#)
[Vaisala.com product page](#)
[Filter selection guide](#)
[Cable datasheet](#)

Example of order code with typical settings:

1V outputs:

	1	2	3	4	5	6	7	8	9
	A	1	2	A	0	A	1	B	0

Modbus output:

	M	0	0	A	0	A	1	B	0
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- 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
- HMT120Z3000
- HMT120Z500
- UI-CONVERTER-1CB