

VAISALA



HMP63 Order Form
G010025EN-A
Valid from July 2023

HMP63
Humidity and Temperature Probe with plastic body and accuracy of ±3%

			1	2	3	4	5	6	7	8	9
	Humidity and Temperature Probe with plastic body and accuracy of ±3%	SPARE CODE	HMP63						A		
hardware	1 Output Signals	0...1V Output	A								
		0...2.5V Output	B								
		0...5V Output	C								
		1...5V Output	D								
		Scaling for 4...20mA loop power converter ¹	I								
		Modbus RTU	M								
		RS-485	R								
		Serial Interface Mode Vaisala Host Devices (HMT120, HMT130, HM40)	V								
settings		Modbus RTU with custom address, please specify:	X								
	2 Measured Parameter for Channel 1	RS485 Digital Mode: All Parameters ²	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 ³	RS-485 or Current Interface	0								
		RH (0...100%)	1								
hardware	4 Sensor Protection	+ Plastic Grid with Filter	ASM210856SP	A							
		Plastic Grid	DRW240185SP	B							
		• Sintered Filter AISI 316L	HM47280SP	C							
		• Porous PTFE Filter	219452SP	D							
accessory	5 Accessories	No Accessories		0							
		Probeholder For HMP113 and HMP63	DRW238590SP	2							
		Probe Sleeve for CWL100		6							
accessory	7 Probe Cable Length	No Cable								1	
		• Shielded Cable, 0.32m, 4-pin M8 Female Straight								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	
		• FEP Shielded Cable 180°C, 3m	226902SP							F	
	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

1) Select for use with 4...20 mA loop power converter. Converts output to 4 ... 20 mA signal when used with the optional 4 ... 20 mA loop converter circuit board
2) Select this option only if you use digital communication or connect this product with Vaisala host device (such as HMT120 and RFL100)
3) Channel 2 parameters can be selected only if Analog output signals are used (0... 1V, 0... 2.5V, 0...5V, 1...5V)

NOTE:	Selections in bold are included in the prices of the basic versions. • Selections in <i>italic</i> 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:

		1	2	3	4	5	6	7	8	9
1V outputs:	HMP63	A	1	2	A	0	A	1	A	0
Modbus output:	HMP63	M	0	0	A	0	A	1	A	0
for CWL100	HMP63	R	0	0	A	6	A	1	A	0

- Accessories and spare parts**
- Vaisala INTERCAP® Humidity Sensor (1 pc)
Shielded Cable, 3.0m, 4-pin M8, High Temp.
Shielded Cable, 1.5m, 4-pin M8, High Temp.
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
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

- 15778HM
225229SP
225777SP
226902SP
231519SP
231520SP
231521SP
231522SP
235859SP
236407SP
ASM213382SP
CBL210649SP
CBL210834SP
HMP50Z032SP
HMP50Z1000SP
HMP50Z120
HMP50Z300SP
HMP50Z500SP
HMT120Z1000
HMT120Z120
HMT120Z2000
HMT120Z2000
HMT120Z300
HMT120Z500
UI-CONVERTER-1CB