

HMP63

Humidity and Temperature Probe with plastic body and accuracy of $\pm 3\%$



				1	2	3	4	5	6	7	8	9
	Humidity and Temperature Probe with plastic body and accuracy of $\pm 3\%$	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								
		R5-485		R								
settings		Serial Interface Mode Vaisala Host Devices (HMT120, HMT130, HM40)		V								
		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								
accessory		h -40...+60 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								
		T -40...+60 °C		2								
		Td -40...+60 °C		3								
		Tw -40...+60 °C		7								
hardware		h -40...+60 kJ/kg		8								
		Special scale, please specify parameter and range:		X								
	4 Sensor Protection	+ Plastic Grid with Filter	<i>ASM210856SP</i>	A								
		Plastic Grid	<i>DRW240185SP</i>	B								
		• Sintered Filter AISI 316L	<i>HM47280SP</i>	C								
		• Porous PTFE Filter	<i>219452SP</i>	D								
	5 Accessories	No Accessories		0								
accessory		Probeholder For HMP113 and HMP63	<i>DRW238590SP</i>	2								
		Probe Sleeve for CWL100		6								
	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	<i>HMP50Z300SP</i>		3							
		• Shielded Cable, 1.5 m, High Temp	<i>225777SP</i>		4							
		• Shielded Cable, 3 m, High Temp	<i>225229SP</i>		5							
accessory		• FEP Shielded Cable 180°C, 3m	<i>226902SP</i>		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	<i>HMP110</i>				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. • <i>Selections in italic are available at an extra price.</i> ★ 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.
 FEPCable 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
 HMT120Z300
 HMT120Z500
 UI-CONVERTER-1CB