



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

Humidity and Temperature Probe with plastic body and accuracy of ±3%		SPARE CODE	HMP63	1	2	3	4	5	6	7	8	9			
hardware	1 Output Signals	<b>0...1V Output</b>		A											
		<b>0...2.5V Output</b>		B											
		<b>0...5V Output</b>		C											
		<b>1...5V Output</b>		D											
		<b>Scaling for 4...20mA loop power converter <sup>1</sup></b>		I											
		<b>Modbus RTU</b>		M											
		<b>R5-485</b>		R											
settings		<b>Serial Interface Mode Vaisala Host Devices (HMT120, HMT130, HM40)</b>		V											
		<b>Modbus RTU with custom address, please specify:</b>		X											
	2 Measured Parameter for Channel 1	<b>R5485 Digital Mode: All Parameters <sup>2</sup></b>		0											
		<b>RH (0...100%)</b>		1											
		<b>T -40...+60 °C</b>		2											
		<b>Td -40...+60°C</b>		3											
		<b>Tw -40...+60°C</b>		7											
		<b>h -40...+60 kJ/kg</b>		8											
		<b>Special scale, please specify parameter and range:</b>		X											
	3 Measured Parameter for Channel 2 <sup>3</sup>	<b>R5-485 or Current Interface</b>		0											
	<b>RH (0...100%)</b>		1												
	<b>T -40...+60 °C</b>		2												
	<b>Td -40...+60 °C</b>		3												
	<b>Tw -40...+60°C</b>		7												
	<b>h -40...+60 kJ/kg</b>		8												
	<b>Special scale, please specify parameter and range:</b>		X												
hardware	4 Sensor Protection	<b>Plastic Grid with Filter</b>	<i>ASM210856SP</i>	A											
		<b>Plastic Grid</b>	<i>DRW240185SP</i>	B											
		<b>Sintered Filter AISI 316L</b>	<i>HMA7280SP</i>	C											
		<b>Porous PTFE Filter</b>	<i>219452SP</i>	D											
accessory	5 Accessories	<b>No Accessories</b>		0											
		<b>Probeholder For HMP113 and HMP63</b>	<i>DRW238590SP</i>	2											
		<b>Probe Sleeve for CWL100</b>		6											
accessory	7 Probe Cable Length	<b>No Cable</b>									1				
		<b>Shielded Cable, 0.32m, 4-pin M8 Female Straight</b>										2			
		<b>Shielded Cable, 3.0m, 4-pin M8 Female Straight</b>	<i>HMP50Z300SP</i>										3		
		<b>Shielded Cable, 1.5 m, High Temp</b>	<i>225777SP</i>											4	
		<b>Shielded Cable, 3 m, High Temp</b>	<i>225229SP</i>												5
		<b>FEP Shielded Cable 180°C, 3m</b>	<i>226902SP</i>												
	8 User Guide	<b>No User's Guide</b>										A			
		<b>Multilingual Quick Guide HMP60 HMP110</b>											B		
	9 Special	<b>No Converter</b>											0		
		<b>Component Board 4...20 mA loop powered converter</b>	<i>HMP110</i>											7	

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 *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:

		1	2	3	4	5	6	7	8	9
1V outputs:	<b>HMP63</b>	A	1	2	A	0	A	1	A	0
Modbus output:	<b>HMP63</b>	M	0	0	A	0	A	1	A	0
for CWL100	<b>HMP63</b>	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  
 HMT120Z300  
 HMT120Z500  
 UI-CONVERTER-1CB