



HMP113 Humidity and Temperature Probe with plastic body and accuracy of ±1.5%RH

Humidity and Temperature Probe with plastic body and accuracy of ±1.5%RH		SPARE CODE	HMP113	1	2	3	4	5	6	7	8	9	
hardware	1 Output Signals	0...1V Output	A										
		0...2.5V Output	B										
		0...5V Output	C										
		1...5V Output	D										
		Scaling for 4...20 mA loop power converter ¹	I										
		Modbus RTU Output	R										
		R5-485 Output	V										
Serial Interface Mode for Vaisala Host Devices (HMT120, HMT130, HM40)													
settings	2 Measured Parameter for Channel 1	RS485 Digital Mode: All Parameters²	0										
		RH (0...100%)	1										
		T -40...+80 °C	2										
		Td -40...+80 °C	3										
		T -40...+80 °C	5										
		Td -40...+80 °C	6										
		Tw -40...+80 °C	7										
		h (-40...+80 kJ/kg)	8										
		Special scale, please specify parameter and range:	X										
		settings	3 Measured Parameter for Channel 2 ³	RS-485 or Current Interface	0								
RH (0...100%)	1												
T -40...+80 °C	2												
Td -40...+80 °C	3												
Td -40...+80 °C	6												
T 0...+100 °C	J												
Tw -40...+80 °C	7												
h -40 ... 480 kJ/kg	8												
T -40...+80 °C	5												
Special scale, please specify parameter and range:	X												
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									
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
		FEP Shielded Cable 180°C, 3m	226902SP										
accessory	8 User Guide	No User's Guide										A	
		Multilingual Quick Guide HMP60 HMP110											B
accessory	9 Loop Power Converter	No Converter										0	
		Component Board 4...20 mA loop powered converter	UI-CONVERTER-1CB										I

- 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
- Select this option only if you use digital communication or connect this product with Vaisala host device (such as HMT120 and RFL100)
- Channel 2 parameters can be selected only if Analog output signals are used (0... 1V, 0... 2.5V, 0...5V, 1...5V)

NOTE:	<p>Selections in bold are included in the prices of the basic versions.</p> <ul style="list-style-type: none"> Selections in italic 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:	HMP113	A	1	5	A	0	C	1	B	0
Modbus output:	HMP113	M	0	0	A	0	C	1	B	0
For HM40:	HMP113	V	0	0	B	2	C	1	A	0

Related Items

- 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
- Plastic Grid with Membrane Filter
- 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
- Plastic Locking Bushing (3 pcs) for HMP113 Attachment to HM40 Indicator
- 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

Part number

- 225229SP
- 225777SP
- 226902SP
- 230727SP
- 231519SP
- 231520SP
- 231521SP
- 231522SP
- 235859SP
- 236407SP
- ASM213382SP
- CBL210649SP
- CBL210834SP
- DRW238590SP
- HMP50Z032SP
- HMP50Z1000SP
- HMP50Z120
- HMP50Z300SP