



Humidity and Temperature Probe HMP110

Vaisala HUMICAP® Humidity and Temperature Probe		SPARE CODE	HMP110	1	2	3	4	5	6	7	8	9	PRICE
Hardware	1 Output Signals	0...1 V		A									
		0...2.5 V		B									
		0...5 V		C									
		1...5V		D									
		Scaling for 4...20 mA Converter (Channel 1 Only)		I									
		Modbus		M									
		RS485		R									
		Interface for Vaisala Devices (VDIGI)		V									
	Vaisala Digital Interface for RFL100		Z										
Settings	2 Measured Parameter for Channel 1	RS-485 (Digital Mode: All Parameters) ¹		0									
		RH (0 ... 100 %rh)		1									
		T (-40 ... +80°C)		5									
		Td (-40 ... +80°C)		6									
		Tw (-40 ... +60C)		7									
		h (-40 ... 460 kJ/kg)		8									
		Special Scale	Quantity: Scale:	X									
		3 Measured Parameter for Channel 2 ²	RS-485 or Current Interface		0								
		RH (0 ... 100 %rh)		1									
		T (-40 ... +80°C)		5									
		Td (-40 ... +80°C)		6									
		Tw (-40 ... +60C)		7									
		h (-40 ... 460 kJ/kg)		8									
		Special Scale	Quantity: Scale:	X									
Hardware	4 Sensor Protection ³	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									
Accessories	5 Accessories	No Accessories		0									
		Pair of Plastic Nuts	18350SP	1									
		Probe Holder for HMT120/130/140		2									
		• Duct Installation Kit	215619	3									
Accessories	6 Humidity Sensor	Humicap180R		C									
		Catalytic Humicap180V Sensor		V									
	7 Probe Cable Length	No Cable		1									
		• Open Cable 0.3 m, 60 °C	HMP50Z032SP	2									
	• Open Cable 3 m, 60 °C	HMP50Z300SP	3										
	• Open Cable 1.2 m, 60 °C	HMP50Z120	H										
Accessories	8 User Guide	No User Guide		A									
		Multilingual Quick Guide		B									
Accessories	9 Loop Power Converter	No Converter		O									
		• 4...20 mA Loop Power Converter ⁴		I									

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 can only be selected if Analog Output signals are used (0...1 V, 0...2.5 V, 0...5 V, 1...5 V)

3) Link for Filter Selection guide.

4) Required only with 4...20 mA Output Signal. Not required if the customer already has it.

QTY

TOTAL VALUE

NOTE:

Selections in bold are included in the prices of the basic versions.
• Selections in *italic* are available at an extra price.

LINKS:

- [Link to Datasheet: B210852EN](#)
- [Link to Quick Guide: M211059EN](#)
- [Link to User Guide: M211060EN](#)

Example of order code with typical settings:

HMP110 A 1 S A 0 C 1 B 0