

HMP155 Humidity and Temperature Probe

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Price	
Vaisala HUMICAP® Humidity and Temperature Probe		HMP155																
1.	Probe type	2 x voltage output (RS485 for service use)															A	
		Voltage output for RH, 4-wire Pt100 output for Temperature (RS485 for service use)															D	
		RS485 serial output															E	
2.	Signal output selection	RS485 serial output (only for probe type E)															1	
		0...1 V output															2	
		0...5 V output															3	
		0...10 V output															4	
3.	Analog output signal for CH1	None (RS485 or 4-wire PT100 output used)															A	
		RH (0... 100%RH)															B	
		Td (-60...60°C) (-76...+140 °F)															C	
		Tdf (-60...60°C) (-76...+140 °F)															D	
		Tw (0...60°C) (+32...+140°F)															E	
		x (0...200g/kg d.a) (0...1400gr/lb)															F	
		T (-40...+60 °C) (-40...+140 °F)															G	
		T (-80...+60 °C) (-112...+140 °F)															J	
	- Choose option A, if no T output is desired, 4-wire measurement is used or output is RS485																	
4.	Analog output signal for CH2	None (RS485 or 4-wire PT100 output used)															A	
		RH (0... 100%RH)															B	
		Td (-60...60°C) (-76...+140 °F)															C	
		Tdf (-60...60°C) (-76...+140 °F)															D	
		Tw (0...60°C) (+32...+140°F)															E	
		x (0...200g/kg d.a) (0...1400gr/lb)															F	
		T (-40...+60 °C) (-40...+140 °F)															G	
		T (-80...+60 °C) (-112...+140 °F)															J	
	- Choose option A, if no T output is desired, 4-wire measurement is used or output is RS485																	
5.	Units	Metric															1	
		Non-metric															2	
6.	Humidity sensor type	General purpose		HumiCap 180R													1	
		Composite sensor		HumiCap 180RC													2	
		General purpose		InterCap													3	
		Composite sensor		InterCapC													4	
		General purpose		HumiCap R2													5	
		Composite sensor		HumiCap R2C													6	
		General purpose		HumiCap 180R+YSI													7	
7.	Heating options	None															A	
	- See note (*) below!	Warmed probe (only with composite sensor)		RH&T outputs only with Additional Temperature probe													B	
		Warmed probe with Xheat (only with composite sensor)		RH&T outputs only with Additional Temperature probe													C	
8.	Chemical purge	None															0	
		Periodical (only with composite sensor)															1	
		Start-up (only with composite sensor)															2	
		Both periodical & start-up (only with composite sensor)															3	
		Manual purge with MI70 (only with composite sensor)															4	
9.	Sensor protection	Sintered Teflon filter															A	
		Membrane filter		Item: 230727													B	
10.	Probe cable length	No cable (no counter connector)															0	
		3.5 m (with 8 pin M12 female connector)		Item: 220496													1	
		10 m (with 8 pin M12 female connector)		Item: 220497													2	
		30 m (with 8 pin M12 female connector)		Item: 220498													3	
		5 m (with 8 pin M12 female connector)		Item: 223283													4	
		0.6m MAWS cable (8-pin, M12 at both ends)		Item: 230293													5	
		3 m MAWS cable (8-pin, M12 at both ends)		Item: 215494													6	
		0.8 m (with 8 pin M12 female connector)		Item: 272226													7	
		100 m (with 8 pin M12 female connector)		Item: 279350													8	
		MAWS201M Cable															H	
		AWS520 Cable															J	
11.	Additional Temperature probe	None (if probe type D selected, please select option A)															A	
		Additional T-probe with 2m cable															B	
		No additional T for MAWS use (If Probe Type D Selected, Please Select Option A)															C	
		No Additional T-probe & data format for Vaisala AWS/RWS Use (HMP155-CFG08)															E	
		Additional T-Probe with 2m Cable & data format for Vaisala AWS/RWS Use (HMP155-CFG09)															F	
		Additional T-Probe with 2m Cable, Purge & data format or Vaisala AWS/RWS Use (HMP155-CFG10)															G	
		No Additional T-probe & setting for Vaisala MAWS201MR Use (HMP155-CFG17)															H	
12.	Calibration	At room temperature															1	
		Accredited Calibration for New Instruments (HELACCRCAL)															3	
13.	PC-Accessories	None															A	
		PC connection cable (USB)		Item: 221040													B	
		MI70 connection cable		Item: 221801													C	
		PC connection cable (USB) & MI70 connection cable															D	
14.	Installation accessories	None															0	
		Installation kit to Stevenson screen		Item: 221321													1	
		Additional T-probe installation part to DTR502		Item: 221072													2	
		Additional T-probe installation part to DTR13		Item: 221069													3	
		PTB330TS															4	
15.	(For production use only)																	A
																Total		
																QTY		
																Total value		

(*) **Note!** If warmed probe is chosen and additional temperature sensor is not used output signal for Ch1 must be 'None' and for Ch2 only Td, Tdf or x output can be selected.

Accessories and spares

Filters	Sintered Teflon filter	219452SP
	Membrane filter	230727SP
Cables	Cable 0.8 m 8-pin M12	272226
	Cable 3.5 m 8-pin M12	220496
	Cable 5 m 8-pin M12	223283
	Cable 10 m 8-pin M12	220497
	Cable 30 m 8-pin M12	220498
	Cable 100 m 8-pin M12	279350
	USB-M12 service cable	221040
Radiation shield	Large radiation shield for best performance (suitable for HMP155 with or without additional T-probe)	DTR13

	Compact radiation shield (suitable for HMP155 without additional T-probe)	DTR503
Probe mounting accessories	Additional T-probe installation adapter for DTR13	221069
	Additional T-probe installation adapter for DTR502	221072
	HMP155 and additional T-probe installation adapter for Stevenson screen	221321
Calibration accessory	MI70 measurement indicator	MI70
	MI70 connection cable	221801
	HMK15 humidity calibrator (saturated salt solutions)	HMK15
	HMK15 adapter fitting for 12-mm probes	218377SP
Others	HMP155 connector cover for protection in wet environment	DRW236638
	Protection set for calibration buttons: protective cover, 2 O-rings and protective plug	221318