



### HMP155 Humidity and Temperature Probe

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Price
<b>Vaisala HUMICAP® Humidity and Temperature Probe</b>		<b>HMP155</b>															
1. Probe type	2 x voltage output (RS485 for service use) Voltage output for RH, 4-wire Pt100 output for Temperature (RS485 for service use) RS485 serial output	A	D														
2. Signal output selection	RS485 serial output (only for probe type E) 0...1 V output 0...5 V output 0...10 V output		1	2	3	4											
3. Analog output signal for CH1	None (RS485 or 4-wire PT100 output used) RH (0... 100%RH) Td (-60...60°C) (-76...+140 °F) Tdf (-60...60°C) (-76...+140 °F) Tw (0...60°C) (+32...+140°F) x (0...200g/kg d.a) (0...1400gr/lb) T (-40...+60 °C) (-40...+140 °F) T (-80...+60 °C) (-112...+140 °F) Special Define scale and quantity Ch1:	A	B	C	D	E	F	G	J	X							
4. Analog output signal for CH2	None (RS485 or 4-wire PT100 output used) RH (0... 100%RH) Td (-60...60°C) (-76...+140 °F) Tdf (-60...60°C) (-76...+140 °F) Tw (0...60°C) (+32...+140°F) x (0...200g/kg d.a) (0...1400gr/lb) T (-40...+60 °C) (-40...+140 °F) T (-80...+60 °C) (-112...+140 °F) Special Define scale and quantity Ch2:	A	B	C	D	E	F	G	J	X							
5. Units	Metric Non-metric					1	2										
6. Humidity sensor type	General purpose HumiCap 180R Composite sensor HumiCap 180RC General purpose InterCap Composite sensor InterCapC General purpose HumiCap R2 Composite sensor HumiCap R2C General purpose HumiCap 180R+YSI							1	2	3	4	5	6	7			
7. Heating options	None - See note (*) below! Warmed probe (only with composite sensor) Warmed probe with Xheat (only with composite sensor)																A B C
8. Chemical purge	None Periodical (only with composite sensor) Start-up (only with composite sensor) Both periodical & start-up (only with composite sensor) Manual purge with MI70 (only with composite sensor)																0 1 2 3 4
9. Sensor protection	Sintered Teflon filter Membrane filter Item: 230727																A B
10. Probe cable length	No cable (no counter connector) 3.5 m (with 8 pin M12 female connector) Item: 220496 10 m (with 8 pin M12 female connector) Item: 220497 30 m (with 8 pin M12 female connector) Item: 220498 5 m (with 8 pin M12 female connector) Item: 223283 0.6m MAWS cable (8-pin, M12 at both ends) Item: 230293 3 m MAWS cable (8-pin, M12 at both ends) Item: 215494 0.8 m (with 8 pin M12 female connector) Item: 272226 MAWS201M Cable AWS520 Cable																0 1 2 3 4 5 6 7 H J
11. Additional Temperature probe	None (if probe type D selected, please select option A) Additional T-probe with 2m cable No additional T for MAWS use (If Probe Type D Selected, Please Select Option A) No Additional T-probe & data format for Vaisala AWS/RWS Use (HMP155-CFG08) Additional T-Probe with 2m Cable & data format for Vaisala AWS/RWS/FD70 Use (HMP155-CFG09) Additional T-Probe with 2m Cable, Purge & data format or Vaisala AWS/RWS Use (HMP155-CFG10) No Additional T-probe & setting for Vaisala MAWS201MR Use (HMP155-CFG17)																A B C E F G H
12. Calibration	At room temperature Accredited Calibration for New Instruments (HELACCRCAL)																1 3
13. PC-Accessories	None PC connection cable (USB) Item: 221040 MI70 connection cable Item: 221801 PC connection cable (USB) & MI70 connection cable																A B C D
14. Installation accessories	None Installation kit to Stevenson screen Item: 221321 Additional T-probe installation part to DTR502 Item: 221072 Additional T-probe installation part to DTR13 Item: 221069 PTB330TS																0 1 2 3 4
15. (For production use only)																	A

(\*) 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.

Total QTY  
Total value

**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
	USB-M12 service cable	221040
Radiation shield	Large radiation shield for best performance (suitable for HMP155 with additional T-probe)	DTR13
	Compact radiation shield (suitable for HMP155 without T-probe)	DTR503
	Small radiation shield (suitable for additional T-probe)	DTR502

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 environmer	DRW236638
	Protection set for calibration buttons: protective cover, 2 O-rings and protective plug	221318