

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	HMP155A: 2 x voltage output (RS485 for service use) HMP155D: Voltage output for RH, 4-wire Pt100 resistive output for T (RS485 for service use) HMP155E: RS485 serial output	A	D	E													
2. Signal output selection	RS485 serial output (only for HMP155E) 0...1 V output 0...5 V output 0...10 V output		1	2	3	4											
3. Analog output signal for CH1	None - Choose option A if no need for T output T (-40...+60 °C) (-40...+140 °F) - Choose option A if for HMP155D or HMP155E T (-80...+60 °C) (-112...+140 °F)	A	G	J													
4. Analog output signal for CH2	None - Choose option A if for HMP155E - Choose option B if for HMP155D RH (0... 100%RH) Td (-60...60°C) (-76...+140 °F) Td (-60...60°C) (-76...+140 °F) Tw (0...60°C) (+32...+140°F) x (0...200g/kg d.a) (0...1400gr/lb)	A	B	C	D	E	F										
5. Units	Metric Non-metric		1	2													
6. Humidity sensor type	General purpose HUMICAP 180R Composite sensor HUMICAP 180RC General purpose INTERCAP (replacing HUMICAP180) Composite sensor INTERCAPC (replacing HUMICAP180C) General purpose HUMICAP R2 Composite sensor HUMICAP R2C		1	2	3	4	5	6									
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 (item: 219452SP) Membrane filter (item: 230727SP)	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	1	2	3	4										
11. Additional Temperature probe	None (if probe type D selected, please select option A) Additional T-probe with 2m cable 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 Use (HMP155-CFG09) Additional T-Probe with 2m Cable, Purge & data format or Vaisala AWS/RWS Use (HMP155-CFG10)	A	B	E	F	G											
12. Calibration	At room temperature		1														
13. PC-Accessories	None PC connection cable (USB) (item: 221040) MI70 connection cable (item: 221801) PC connection cable (USB) & MI70 connection cable (items: 221040 + 221801)	A	B	C	D												
14. Installation accessories	None Installation kit to Stevenson screen (item: 221321) Additional T-probe installation adapter to DTR502 (item: 221072) Additional T-probe installation adapter to DTR13 (item: 221069)		0	1	2	3											
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 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 12-plate shield for best performance (suitable for HMP155 with additional T-probe)	DTR13
	Compact 13-plate shield (suitable for HMP155)	DTR503
	Small 10-plate 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	211302SP
Others	HMP155 connector cover for protection in wet environment	DRW236638
	Protection set for calibration buttons: protective cover, 2 O-rings and protective plug	221318