

HMP155 Humidity and Temperature Probe

with voltage or RS485 output for temperature

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Vaisala HUMICAP® Humidity and Temperature Probe		HMP155														
1. Probe type	2 x voltage output (RS485 for service use) RS485 serial output	A														
2. Signal output selection	RS485 serial output (only for probe type E) 0...1 V output 0...5 V output 0...10 V output	E	1	2	3	4										
3. Analog output signal for CH1	None (RS485 output used) - Choose option A, if no T output is desired, or output is RS485	T (-40...+60 °C) T (-80...+60 °C)	(-40...+140 °F) (-112...+140 °F)	A G J												
4. Analog output signal for CH2	None (RS485 output used) - Choose option A, if output is RS485	RH Td (-60...60 °C) Tdf (-60...60 °C) Tw (0...60 °C) x (0...200g/kg d.a)	(0... 100%RH) (-76...+140 °F) (-76...+140 °F) (+32...+140 °F) (0...1400 gr/lb)	A B C D E F												
5. Units	Metric Non-metric		1 2													
6. Humidity sensor type	General purpose Composite sensor General purpose Composite sensor	HUMICAP180R HUMICAP180RC HUMICAP180 HUMICAP180C		1 2 3 4												
7. Heating options	None - See note (*) below!	Warmed probe (only with composite sensor) Warmed probe with Xheat (only with composite sensor)	RH&T outputs only with Additional Temperature probe RH&T outputs only with Additional Temperature probe	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)			0 1 2 3												
9. Sensor protection	Sintered Teflon filter	item: 219452SP								A						
10. Probe cable length	No cable (no counter connector) 3.5 m (with 8 pin M12 female connector) 10 m (with 8 pin M12 female connector) 30 m (with 8 pin M12 female connector)	item: 220496 item: 220497 item: 220498		0 1 2 3												
11. Additional Temperature probe	None Additional T-probe with 2 m cable									A B						
12. Calibration	At room temperature										1					
13. PC-Accessories	None PC connection cable (USB) MI70 connection cable PC connection cable (USB) & MI70 connection cable	item: 221040 item: 221801														A B C D
14. Installation accessories	None Installation kit to Stevenson screen Additional T-probe installation part to DTR502 Additional T-probe installation part to DTR13	item: 221321 item: 221072 item: 221069		0 1 2 3												
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

Selections in bold are included in the prices of the basic versions
Selections in italic are available at an extra cost

Example of order code with typical settings:

HMP155 A 2 G B 1 1 A 0 A 1 A 1 A 0 A

End customer: _____

HMP155 Humidity and Temperature Probe

with resistive 4-wire output for temperature

			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Vaisala HUMICAP® Humidity and Temperature Probe		HMP155	D		A	B			A	0	A		A	1			A	Price
1. Probe type	Voltage output for RH (RS485 for service use), 4-wire Pt100 output for Temperature		D															
2. Signal output selection	0...1 V output		2															
	0...5 V output		3															
	0...10 V output		4															
3. Analog output signal for CH1	None (4-wire PT100 output used)			A														
4. Analog output signal for CH2	RH (0... 100%RH)				B													
5. Units	Metric					1												
(RS485 in service use)	Non-metric					2												
6. Humidity sensor type	General purpose	HUMICAP180R							1									
	General purpose	HUMICAP180							3									
7. Heating options	None							A										
8. Chemical purge	None								0									
9. Sensor protection	Sintered Teflon filter	item: 219452SP								A								
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							
11. Additional Temperature probe	None											A						
12. Calibration	At room temperature												1					
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	
15. (For production use only)																	A	
																	Total	
																	QTY	
																	Total value	

Selections in bold are included in the prices of the basic versions
Selections in italic are available at an extra cost

Example of order code with typical settings:

HMP155	D	2	A	B	1	1	A	0	A	1	A	1	A	0	A
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End customer: _____