VAISALA

HMP155 Humidity and Temperature Probe

HMP155A with Voltage Output for Humidity and Temperature, HMP155E with Digital RS485 Serial Output

					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
	Vaisala HUMICAP® Humidity and Temperature Probe			**HMP155**												1			A	**Price**
1.	**Probe type**	**2 x voltage output (RS485 for service use)**		A																
		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 output used)**				A														
	- Choose option A, if no T output	T (-40...+60 ℃)	(-40...+140 ℉)			G														
	is desired, or output is RS485	T (-80...+60 ℃)	(-112...+140 ℉)			J														
4.	**Analog output signal for CH2**	**None (RS485 output used)**					A													
		RH	(0... 100%RH)				B													
	- Choose option A, if	Td (-60...60℃)	(-76...+140 ℉)				C													
	output is RS485	Tdf (-60...60℃)	(-76...+140 ℉)				D													
		Tw (0...60℃)	(+32...+140 ℉)				E													
		x (0...200g/kg d.a)	(0...1400 gr/lb)				F													
5.	**Units**	**Metric**						1												
		Non-metric						2												
6.	**Humidity sensor type**	**General purpose**	**HUMICAP180R**						1											
		Composite sensor	*HUMICAP180RC*						2											
		General purpose	*HUMICAP180*						3											
		Composite sensor	*HUMICAP180C*						4											
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									
9.	**Sensor protection**	**Sintered Teflon filter**	*item: 219452SP*									A								
		Membrane filter	*item: 230727SP*									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							
11.	**Additional Temperature probe**	**None**												A						
		Additional T-probe with 2 m cable												B						
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	*items: 221040 + 221801*													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			
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.

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:

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HMP155 Humidity and Temperature Probe

HMP155D with resistive 4-wire output for temperature, voltage output for humidity

					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	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										
		General purpose with NTC Thermistor (YSI)	HUMICAP180R + 44031RC (10 k Ohm @ +25 ℃)							7										
7.	Heating options	None									A									
8.	Chemical purge	None										0								
9.	Sensor protection	Sintered Teflon filter	item: 219452SP										A							
		Membrane filter	item: 230727SP										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						
		QMH101 cable, 0.6 m with M12 connector	item: 230293											5						
		QMH102 cable, 3.0 m with M12 conncetor	item: 215494											6						
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	items: 221040 + 221801														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
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Example of order code with typical settings:

HMP155	D	2	A	B	1	1	A	0	A	1	A	1	A	0	A

End customer: