



Order Guide  
Purchaser

Version 1.10

Date November 13, 2018

### HMT140 WiFi Data Logger

			1	2	3	4	5	6	7	8	9	10	11	12	13	14	
<b>Vaisala Data Logger Package</b>			<b>HMT140</b>														
<b>Channel Measurement Type</b>	<b>Vaisala Humicap Humidity and Temp Probe (HMP110)</b>	<b>R/H/T</b>	1													N	N
	Dual RTD Temperature Inputs with 5 m (16.4 ft.) Probes	-200°C to 90°C	3														
	Voltage Inputs	0-5 VDC	4														
	Voltage inputs	0-10 VDC	5														
	Current Inputs	0-20 mA	6														
	Door Contacts		7														
	RTD Temperature Input with 5 m (16.4 ft.) Probe & Door Contact	-200°C to +90°C	8														
	RTD and Current Input	-200°C to +90°C & 0-20 mA	D														
	RTD and 5V Input	-200°C to +90°C & 0-5 VDC	E														
	RTD and 10V Input	-200°C to +90°C & 0-10 VDC	F														
<b>Display</b>	<b>None</b>	<b>Display not installed</b>	0														
	Display		1														
<b>Calibration Ranges*</b>	<b>No Calibration Range</b>	<b>Door Contacts</b>														N	
	<b>Standard</b>	<b>See Table*</b>														A	
	<b>Extended Range RTD -196°C to +90°C</b>	<b>Additional 2 week delivery</b>														C	
<b>Calibration Type</b>	<b>No Calibration Type</b>	<b>Door Contacts</b>	0														
	<b>Traceable to SI units through national metrology institutes</b>	<b>All Input types except Door Contacts</b>	1														
	<b>ISO 17025 Accredited - Traceable to SI units</b>	<b>RTD</b>	2														
<b>RTD Probe Thermal Dampener Blocks</b>	<b>None</b>															N	
	1 Thermal Dampener Block															A	
	2 Thermal Dampener Blocks															B	
<b>Humicap Probe Cable Length</b>	<b>None</b>		0														
	<b>Fixed Probe</b>		1														
	3 m (9.8 ft.)		2														
	5 m (16.4 ft.)		3														
	10 m (32.8 ft.)		4														
<b>Humicap Sensor Protection</b>	<b>No Humicap Sensor</b>															N	
	Plastic grid															A	
	Plastic grid with PTFE filter															B	
	Stainless steel sintered filter															C	
<b>Installation Kit for Humicap Probe</b>	<b>None</b>																0
	Duct installation kit																1
	Probe mounting flange																2
<b>Door Contact Kit</b>	<b>None</b>																N
	1 Kit - 7.6 m (25 ft.)																A
	2 Kits - 7.6 m (25 ft.)																B
<b>Quick Guide</b>	<b>None</b>																
	Multilingual																0
<b>External Power Supply</b>	<b>None</b>																
<b>Calibration Interval</b>	<b>Recommended</b>	<b>12 Months</b>															N
	<b>Customer Specified</b>	<b>3 - 120 Months</b>															X
<b>Installation Region</b>	<b>Rest of World</b>																N
	<b>EU &amp; China</b>																A
<b>Reserved</b>																	N

HMT140 1 | 1 | A | 1 | N | 4 | C | 2 | N | 1 | A | N | N | N | N

Calibration Ranges *	Sensor Type (HMT140 model)	Range
No Calibration Range	Used with Door Contacts (148)	None
Standard	HMP110 Vaisala Humicap (141)	10%, 30%, 85% RH 23°C
	0 - 5 Voltage (144)	0.1 - 2.5 and 5 V
	0 - 10 Voltage (145)	0.1 - 5 and 10 V
	0 - 20mA (146)	4 - 12 and 20 mA
	Standard RTD (143/8)	-90°C, -45°C, 0°C, 45°C, 90°C
RTD -196°C to +90°C	Extended range RTD (143/8)	-196°C, -90°C, -45°C, 0°C, 45°C, 90°C

Additional points may be ordered separately using HELSPECIALCAL