



Order Guide
Purchaser

Version 1.9

Date October 9, 2018

HMT140 WiFi Data Logger

			1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Vaisala Data Logger Package			HMT140														
Channel Measurement Type	Vaisala Humicap Humidity and Temp Probe (HMP110)	RH/T	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														
Display	None	Display not installed	0														
	Display		1														
Calibration Ranges*	No Calibration Range	Door Contacts														N	
	Standard	See Table*														A	
	Extended Range RTD -196°C to +90°C	Additional 2 week delivery														C	
Calibration Type	No Calibration Type	Door Contacts														0	
	Traceable to SI units through national metrology institutes	All Input types except Door Contacts														1	
RTD Probe Thermal Dampener Blocks	None	RTD														2	
	1 Thermal Dampener Block															N	
	2 Thermal Dampener Blocks															A	
Humicap Probe Cable Length	None															0	
	Fixed Probe															1	
	3 m (9.8 ft.)															2	
	5 m (16.4 ft.)															3	
	10 m (32.8 ft.)															4	
Humicap Sensor Protection	No Humicap Sensor																N
	Plastic grid																A
	Plastic grid with PTFE filter																B
	Stainless steel sintered filter																C
Installation Kit for Humicap Probe	None															0	
	Duct installation kit															1	
	Probe mounting flange															2	
Door Contact Kit	None																N
	1 Kit - 7.6 m (25 ft.)																A
	2 Kits - 7.6 m (25 ft.)																B
Quick Guide	None															0	
	Multilingual															1	
External Power Supply	supply and connector	None															N
Calibration Interval	Recommended	12 Months															N
	Customer Specified	3 - 120 Months															X
Reserved																	N
Reserved																	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