



HMT140 WiFi Data Logger

			1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Vaisala Data Logger Package			HMT140													N	N
Channel Measurement Type	<i>Vaisala Humicap Humidity and Temp Probe (HMP110)</i>	<i>RH/T</i>	1														
	<i>Dual RTD Temperature Inputs with 5 m (16.4 ft.) Probes</i>	<i>-200C to 90°C</i>	3														
	<i>Voltage Inputs</i>	<i>0-5 VDC</i>	4														
	<i>Voltage inputs</i>	<i>0-10 VDC</i>	5														
	<i>Current Inputs</i>	<i>0-20 mA</i>	6														
	<i>Door Contacts</i>		7														
	<i>RTD Temperature Input with 5 m (16.4 ft.) Probe & Door Contact</i>	<i>-200°C to +90°C</i>	8														
	<i>RTD and Current Input</i>	<i>-200°C to +90°C & 0-20 mA</i>	D														
	<i>RTD and 5V Input</i>	<i>-200°C to +90°C & 0-5 VDC</i>	E														
	<i>RTD and 10V Input</i>	<i>-200°C to +90°C & 0-10 VDC</i>	F														
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														
	ISO 17025 Accredited - Traceable to SI units	RTD	2														
RTD Probe Thermal Dampener Blocks	None															N	
	1 Thermal Dampener Block															A	
	2 Thermal Dampener Blocks															B	
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	None															N	
Calibration Interval	Recommended	12 Months															N
	Customer Specified	3 - 120 Months															X
Installation Region	Global																A
Reserved																	N

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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
	Extended range RTD (143/8)	-196°C, -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	Only available for HMP110 probes	