



Order Guide
Purchaser

Version 1.6

Date November 8th, 2017

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																
	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																
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			
	Vaisala HMP110	Two Additional Temp Points														D			
Vaisala HMP110	Four Additional Temp Points															E			
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	None																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 (Optional)	supply and connector	None																N	
		NA	North America															A	
		UK	United Kingdom															B	
		EUR	Europe																C
		AUS	Australia																D
		JA	Japan																E
		ZH	China																F
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

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
	HMP110 Vaisala Humicap (141)	10%, 30%, 85% RH
Vaisala Humicap Additional Temp points		23°C plus 2 or 4 more specified between -25°C, +70°C