

DMT143 Dewpoint Transmitter

Vaisala DRYCAP® Dewpoint Transmitter		DMT143	1											A	S	PRICE
1 Mechanical connection	ISO G1/2" thread NPT 1/2" thread	G N														
2 Digital interface	RS485		1													
3 Analog signal output	none 0...1 V (1.1V error state) 0...5 V (5.5V error state) 4...20mA (3.6mA error state) 1...5V (5.5V error state) 0...1 V (0V error state) 0...5 V (0V error state) 4...20mA (0 mA error state) 1...5V (0V error state)			0 A B C D E F G H												
4 Analog output scaling	-80...+20°C Td -80...+20°C Tda, dewpoint at ambient pressure 0...1000 ppmv 0...5000 ppmv free scaling ppm Define scale: _____ free scaling Td °F Define scale: _____ free scaling Td °C Define scale: _____ free scaling %RH Define scale: _____				1 2 3 4 P U X N											
5 Alarm LED setpoint	Off -40°C Td -20°C Td -10°C Td +3°C Td Other value Deactivated	Only fault indication Class 2 Class 3 Class 4 define value: °C Td LED always off			A B C D E X Z											
6 Process gas	Air		1													
7 Pressure setting for optimized accuracy	1 bar (abs) 3 bar (abs) 5 bar (abs) 7 bar (abs) special (max 50 bar abs)* Define value: _____ bar				A B C D X											
8 Cable	No cable 0.3 m (1.0 ft) HMP50Z032 3 m (9.8 ft) HMP50Z30A 5 m (16.4 ft) HMP50Z500 10 m (32.8 ft) HMP50Z1000 1.5 m (4.9 ft) heavy duty cable 225777 3 m (9.8 ft) heavy duty cable 225229				0 2 3 4 5 6 7											
9 Sensor protection	Standard sintered filter Stainless steel filter for vacuum applications	spare: DRW010335SP spare: HM47453SP				A S										
10 Accessories ONLY for ISO1/2" thread	no accessories basic sampling cell DMT242SC sampling cell with swagelok 1/4" male connectors DMT242SC2 sampling cell with quick connector and leak screw, DSC74 two pressure sampling cell, DSC74B two pressure sampling cell with cooling/venting coil, DSC74C duct installation flange DM240FA mounting nut				0 1 2 3 4 5 6 7											
11 Package	Standard					A										
12 Identity	Vaisala					S										
13 User guide language	no user guide multilingual guide					A X										
															TOTAL	
															QTY	
															TOTAL VALUE	

* if measuring in pressures above 20 bara (290 psia) or temperatures below 0 °C, the supply voltage must be 24-28 VDC

Selections in bold are included in the prices of the basic versions.
Selections in *italic* are available at an extra price.

Example of order code with typical settings:

DMT143 | **G** | **1** | **C** | **1** | **B** | **1** | **A** | **3** | **A** | **0** | **A** | **S** | **X**

End customer: _____

Accessories:

- 219690 USB service cable for PC
- 219980SP Connection cable for MI70 Hand-Held Indicator
- 226476 Loop-powered display 4...20 mA / -80...+20 °C Tdf , Nokeval 301
- 234759 Loop-powered display 4...20 mA / -80...+20 °C Tdf with relays , Nokeval 302
- 218773 Plug kit (ISO 1/2")
- 222507 Plug kit (NPT 1/2")

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