



Order form  
Orderer

Valid from July 2017  
Order no.

DMT143 Dewpoint Transmitter

Vaisala DRYCAP® Dewpoint Transmitter		DMT143	1								A	S	PRICE
1 Mechanical connection	<b>ISO G1/2" thread</b> NPT 1/2" thread	G N											
2 Digital interface	<b>RS485</b>		1										
3 Analog signal output	<b>None</b> (digital output only) 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	<b>None, metric units</b> (analog signal output selection must be none) -80...+20°C Td -80...+20°C Tda, dewpoint at ambient pressure <b>NOTE:</b> Please select U if non-metric units (°F) are needed for analog and/or digital output 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: _____			0 1 2 3 4 P U X N									
5 Alarm LED setpoint	<b>Off</b> -40°C Td -20°C Td -10°C Td +3°C Td Other value Deactivated	<b>Only fault indication</b> Class 2 Class 3  Class 4 define value: °C Td LED always off			A B C D E X Z								
6 Process gas	<b>Air</b>		1										
7 Pressure setting for optimized accuracy	<b>1 bar (abs)</b> 3 bar (abs) 5 bar (abs) 7 bar (abs) special (max 50 bar abs)* Define value: _____ bar				A B C D X								
8 Cable	<b>No cable</b> 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	<b>Standard sintered filter</b> spare: DRW010335SP Stainless steel filter for vacuum applications spare: HM47453SP				A S								
10 Accessories	<b>no accessories</b> ONLY for ISO1/2" thread 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	<b>Standard</b>				A								
12 Identity	<b>Vaisala</b>					S							
13 User guide language	<b>no user guide</b> 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")