



Order form
Orderer _____

Valid from October 2020
Order no. _____

DMT143 Dewpoint Transmitter

Vaisala DRYCAP® Dewpoint Transmitter		DMT143	1							A	S	PRICE
1 Mechanical connection	ISO G1/2" thread NPT 1/2" thread UNF 3/4"-16 thread (digital / mA outputs only) UNF 5/8"-18 thread (digital / mA outputs only)	G N U V										
2 Digital interface	RS485 Modbus RTU (defaults: 19200, N, 8, 2, address 240)		1 2									
3 Analog signal output	None (digital output only) 0...1 V (1.1V error state) NOTE: UNF-threads cannot be ordered with voltage outputs 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	None, metric units (analog signal output selection must be none) -80...+20°C Td NOTE: Please select U if non-metric units (°F) are needed for analog and/or digital output -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: _____			0 1 2 3 4 P U X N								
5 Alarm LED setpoint	Off Only fault indication -40°C Td Class 2 -20°C Td Class 3 -10°C Td +3°C Td Class 4 Other value define value: °C Td Deactivated LED always off			A B C D E X Z								
6 Process gas	Air											
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 spare: DRW010335SP Stainless steel filter for vacuum applications 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 S		
12 Identity	Vaisala											
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")