

Order form Orderer

Valid from 27-08-2012 Order no.

DMT143 Dewpoint Transmitter

Vaisala DRYCAP® Dewpo		PRICE
Mechanical connection	ISO G1/2" thread G	
	NPT 1/2" thread N	
2 Digital interface	RS485 1	
3 Analog signal output	none 0	
	01 V (1.1V error state) A	
	05 V (5.5V error state) B	
	420mA (3.6mA error state) C	
	15V (5.5V error state) D	
	01 V (0V error state) E	
	05 V (0V error state) F	
	420mA (0 mA error state)	
	15V (0V error state)	
4 Analog output scaling	-80+20℃ Td	
	-80+20℃ Tda, dewpoint at ambient pressure	
	01000 ppmv 3	
	01000 ppmV 3	
	free scaling Td F Define scale: U U	
	free scaling Td C Define scale: X	
	free scaling %RH Define scale: N	
5 Alarm LED setpoint	Off Only fault indication A	
	-40℃ Td Class 2 B	
	-20℃ Td Class 3 C	
	-10℃ Td D	
	+3°C Td Class 4 E	
	Other value define value: C Td X	
	Deactivated LED always off Z	
6 Process gas	Air 1	
7 Pressure setting	1 bar (abs)	
for optimized	3 bar (abs) B	
accuracy	5 bar (abs) C	
•	7 bar (abs) D	
	special (max 50 bar abs)* Define value: bar X	
8 Cable	No cable 0	
	0.3 m (1.0 ft) HMP50Z032 2	
	3 m (9.8 ft) HMP50Z30A 3	
	5 m (16.4 ft) HMP50Z500 4	
	10 m (32.8 ft) HMP50Z1000 5	
	1.5 m (4.9 ft) heavy duty cable 225777 6	
	3 m (9.8 ft) heavy duty cable 225229 7	
9 Sensor protection	Standard sintered filter A	
9 Sensor protection		
O Assessation		
Accessories	no accessories 0	
ONLY for ISO1/2" thread	basic sampling cell DMT242SC	
	sampling cell with swagelok 1/4" male connectors DMT242SC2 2	
	sampling cell with quick connector and leak screw, DSC74 3	
	two pressure sampling cell, DSC74B 4	
	two pressure sampling cell with cooling/venting coil, DSC74C 5	
	duct installation flange DM240FA 6	
	mounting nut 7	
1 Package	Standard A	
2 Identity	Vaisala	
13 User guide language	no user guide A	
	multilingual guide X	
	TOTAL	
	QTY	

 $<sup>^{\</sup>star}$  if measuring in pressures above 20 bara (290 psia) or temperatures below 0  $^{\circ}$ C, the supply voltage mu st 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

21980SP 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")