



Order form
Orderer

Valid from 27-08-2012
Order no.

DMT143 Dewpoint Transmitter

Vaisala DRYCAP® Dewpoint Transmitter			DMT143	1										A	S	PRICE
1 Mechanical connection	ISO G1/2" thread		G													
	NPT 1/2" thread		N													
2 Digital interface	RS485			1												
3 Analog signal output	none				0											
	0...1 V (1.1V error state)				A											
	0...5 V (5.5V error state)				B											
	4...20mA (3.6mA error state)				C											
	1...5V (5.5V error state)				D											
	0...1 V (0V error state)				E											
	0...5 V (0V error state)				F											
	4...20mA (0 mA error state)				G											
	1...5V (0V error state)				H											
4 Analog output scaling	-80...+20°C Td				1											
	-80...+20°C Tda, dewpoint at ambient pressure				2											
	0...1000 ppmv				3											
	0...5000 ppmv				4											
	free scaling ppm	Define scale: _____			P											
	free scaling Td °F	Define scale: _____			U											
	free scaling Td °C	Define scale: _____			X											
	free scaling %RH	Define scale: _____			N											
5 Alarm LED setpoint	Off	Only fault indication			A											
	-40°C Td	Class 2			B											
	-20°C Td	Class 3			C											
	-10°C 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 for optimized accuracy	1 bar (abs)				A											
	3 bar (abs)				B											
	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											
	Stainless steel grid	For vacuum applications			S											
10 Accessories ONLY for ISO1/2" thread	no accessories				0											
	basic sampling cell DMT242SC				1											
	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											
11 Package	Standard													A		
12 Identity	Vaisala														S	
13 User guide language	no user guide														A	
	multilingual guide														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")