

DMT143L Dewpoint Transmitter (DMT242 Replacement)

Vaisala DRYCAP® Dewpoint Transmitter DMT143		1																		PRICE
1 Sensor and thread type	ISO G1/2" Probe with DRYCAP®180M Sensor <i>ISO G1/2" Probe with DRYCAP®180S Sensor</i>	L R																		
2 Digital interface	RS485		1																	
3 Analog signal output	None 4...20mA (3.6 mA error state) 4...20mA (0 mA error state)			0 C G																
4 Analog output scaling	None, metric units (analog signal output selection must be none) -80...+20°C Td (same as DMT242A scale) -80...+20°C Tda, dewpoint at ambient pressure -60...+60°C Td (same as DMT242B scale) -50...+50°C Td (same as DMT242S scale) 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 A B 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 and chemical purge settings	Air for DRYCAP®180M Air for DRYCAP®180S Air for DRYCAP®180S with 12h purge interval, recommended	Default setting with 24 h purge interval Original setting with DMT242S, no purge		1 E F																
7 Pressure setting for optimized accuracy	1 bar (abs) 3 bar (abs) 5 bar (abs) 7 bar (abs) special (max 20 bar abs) Define value: _____ bar			A B C D X																
8 Cable	No cable 0.3 m (1.0 ft) spare: HMP50Z032 3 m (9.8 ft) spare: HMP50Z30A 5 m (16.4 ft) spare: HMP50Z500 10 m (32.8 ft) spare: HMP50Z1000 1.5 m (4.9 ft) heavy duty cable spare: 225777 3 m (9.8 ft) heavy duty cable spare: 225229			0 2 3 4 5 6 7																
9 Sensor protection	Stainless steel sintered filter (38um) spare: HM47280SP <i>Stainless steel filter for vacuum</i> spare: HM47453SP			1 S																
10 Accessories	no accessories <i>DMT242 to DMT143 cable adapter (spare: 247890SP)</i> ONLY for ISO1/2" thread <i>Basic sampling cell DMT242SC</i> <i>Sampling cell with swagelok 1/4" male connectors DMT242SC2</i> <i>Sampling cell with quick connector and leak screw, DSC74</i> <i>Two pressure sampling cell, DSC74B</i> <i>Two pressure sampling cell with cooling/venting coil, DSC74C</i> <i>Duct installation flange DM240FA</i> <i>Mounting nut</i> <i>NPT 1/2" adapter (spare: 210662SP)</i>			0 A 1 2 3 4 5 6 7 8																
11 Package	Standard			A																
12 Identity	Vaisala			S																
13 User guide language	no user guide multilingual guide			A X																
																			TOTAL	
																			QTY	
																			TOTAL VALUE	

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 L 1 C 1 A 1 A 3 1 0 A S X

Replacement	DMT242A	L	1	C	1	Z	1	A	0	1	A	A	S	X
Examples:	DMT242B	L	1	C	A	Z	1	A	0	1	A	A	S	X
DMT143	DMT242S	R	1	C	B	Z	F	A	0	1	A	A	S	X

End customer: _____