

Order form Orderer Valid from July 2017 Order no.

DMT143L Dewpoint Transmitter (DMT242 Replacement)

Vaisala DRYCAP® Dewpo 1 Sensor and thread type	Dint Transmitter DMT143 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PRICE
Sensor and thread type		
0.01.11.1.1	ISO G1/2" Probe with DRYCAP®180S Sensor R	
2 Digital interface	RS485 1	
3 Analog signal output	None 0	
	420mA (3.6 mA error state) C	
	420mA (0 mA error state) G	
4 Analog output scaling	None, metric units (analog signal output selection must be none) 0	
	-80+20°C Td (same as DMT242A scale) 1	
	-80+20°C Tda, dewpoint at ambient pressure 2 2	
NOTE: Please select U	-60+60°C Td (same as DMT242B scale) A	
if <u>non-metric</u> units (°F)	-50+50°C Td (same as DMT242S scale) B	
are needed for analog	01000 ppmv 3	
and/or digital output	05000 ppmv 4	
5 1	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	
J Alarm LED Selpoint	-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 for DRYCAP®180M Default setting with 24 h purge interval 1	
and chemical purge	Air for DRYCAP®180S Original setting with DMT242S, no purge E	
settings		
7 Pressure setting	Air for DRYCAP®180S with 12h purge interval, recommended F 1 bar (abs) A	
for optimized		
•		
accuracy		
	7 bar (abs) D	
2 a 11	special (max 20 bar abs) Define value: bar X	
8 Cable	No cable 0	
	0.3 m (1.0 ft) spare: HMP50Z032 2	
	3 m (9.8 ft) spare: HMP50Z30A 3	
	5 m (16.4 ft) spare: HMP50Z500 4	
	10 m (32.8 ft) spare: HMP50Z1000 5	
	1.5 m (4.9 ft) heavy duty cable spare: 225777 6	
	3 m (9.8 ft) heavy duty cable spare: 225229 7	
9 Sensor protection	Stainless steel sintered filter (38um) spare: HM47280SP 1	
	Stainless steel filter for vacuum spare: HM47453SP S	
0 Accessories	no accessories 0	
	DMT242 to DMT143 cable adapter (spare: 247890SP) A	
ONLY for ISO1/2" thread	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	
		1 1
1 Package	NPT 1/2" adapter (spare: 210662SP) 8	
1 Package	NPT 1/2" adapter (spare: 210662SP) 8 Standard A	
2 Identity	NPT 1/2" adapter (spare: 210662SP) 8 Standard A Vaisala S	
	NPT 1/2" adapter (spare: 210662SP) 8 Standard A	Å

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	С	1	Α	1	Α	3	1	0	Α	S	Χ
Replacement	DMT242A	Γ	1	С	1	Ζ	1	Α	0	1	Α	Α	S	Х
Examples:	DMT242B	Γ	1	С	Α	Ζ	1	Α	0	1	Α	Α	S	Х
DMT143	DMT242S	R	1	С	В	Ζ	F	Α	0	1	Α	Α	S	Х

End customer: