VAISALA

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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** **L**												
	NPT 1/2" Probe with DRYCAP®180M Sensor **P**												
	ISO G1/2" Probe with DRYCAP®180S Sensor **R**												
	NPT 1/2" Probe with DRYCAP®180S Sensor **T**												
2 Digital interface	**RS485**	**1**											
	Modbus RTU (defaults: 19200, N, 8, 2, address 240)	**2**											
3 Analog signal output	**None**		**0**										
	4...20mA (3.6 mA error state)		C										
	4...20mA (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									
NOTE: Please select **U**	-60...+60°C Td (same as DMT242B scale)			A									
if _non-metric_ units (°F)	-50...+50°C Td (same as DMT242S scale)			B									
are needed for analog	0...1000 ppmv			3									
and/or digital output	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 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	Air for DRYCAP®180S with 12h purge interval, recommended					F							
7 Pressure setting	**1 bar (abs)**						**A**						
for optimized	3 bar (abs)						B						
accuracy	5 bar (abs)						C						
	7 bar (abs)						D						
	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				
10 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			
	NPT 1/2" adapter (spare: 210662SP)									8			
11 Package	**Standard**										**A**		
12 Identity	**Vaisala**											**S**	
13 User guide language	**no user guide**												**A**
	multilingual guide												**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: _____