VAISALA

Order form
Orderer _____

Valid from November 2018
Order no. _____

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: _____