



MMT143 Moisture in Oil and Temperature Transmitter

Sparepart

MMT143 Moisture in Oil and Temperature Transmitter			MMT143	1	2	3	4	5	6	7	8	9	10	11	12			
hw	1 Mechanical connection	ISO G1/2" thread, 50 Bar	A															
		NPT 1/2" thread, 50 Bar	B															
hw	2 Digital interface	RS-485 ¹		1														
		RS-485 with MODBUS RTU (19200 N 8 2, address 240)			2													
		RS-485 with MODBUS RTU (19200 N 8 1, address 240)					3											
settings	3 Measurement parameters	%RS + aw + T									A							
		%RS + aw + T + ppm (ppm for mineral transformer oil)										B						
		%RS + aw + T + ppm (ppm for synthetic ester liquid, Midel7131)											C					
		%RS + aw + T + ppm (ppm for natural ester liquid, FR3)												D				
		%RS + aw + T + ppm (oil specific) ² (specific transformer oil type:)													X			
hw	4 Analog signal output	None (digital output only)										0						
		4...20mA (3.6mA error state)												1				
		4...20mA (0 mA error state)													2			
hw	5 Analog output parameter or function for Ch1	None (RS-485/Modbus use only)											N					
		aw (0..1)												A				
		ppm _w (0..100 ppm)													B			
		ppm _w (0..500 ppm)														C		
		%RS (0..100%)														D		
		ppm _w (specific ppm range:)															X	
hw	6 Output units ³	Metric											A					
		Non-metric													B			
accessory	7 Filter	Stainless steel grid	HM47453SP												A			
		Stainless steel grid (high flow rate)	220752SP													X		
	8 Cable	No cable														N		
		1.5 m (4.9 ft) heavy duty cable	225777														A	
		3 m (9.8 ft) heavy duty cable	225229														B	
3 m (9.8 ft) cable with 90° angle		231520														C		
accessory	10 User's guide	5 m (16.4 ft) cable with 90° angle	231521													D		
		10 m cable (32.8 ft)	HMP50Z1000SP													E		
		5 m cable (16.4 ft)	HMP50Z500SP														F	
		None														A		
		Quick Guide														X	O	N

- 1) Vaisala industrial protocol
- 2) Check the availability and special delivery time from your local Vaisala representative.
- 3) The selection affects only the Vaisala industrial protocol. The selection is irrelevant for all other configurations and defaults to metric.

Note:	Selections in bold are included in the prices of the basic versions. <i>Selections in italic are available at an extra price.</i>
Links:	User guide Datasheet

Example of order code with typical settings:
ISO thread, filter for normal flow, Modbus with all parameters for mineral oil

MMT143	A	Z	B	O	N	A	A	C	A	A	O	N
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Accessories and spare parts	Part Number
Stainless steel grid filter, standard	HM47453SP
Stainless steel grid (high flow rate) filter	220752SP
Connection cable for Indigo80	262195SP
USB cable for PC connection	219690
Standard sealing ring set (U-seal) ISO G1/2, 3 pcs	221525SP
Sealing ring set (copper) ISO G1/2, 3 pcs	221524SP
1.5 m (4.9 ft) heavy duty cable	225777SP
3 m (9.8 ft) heavy duty cable	225229SP
3 m (9.8 ft) cable with 90° angle	231520SP
5 m (16.4 ft) cable with 90° angle	231521SP
10 m cable (32.8 ft)	HMP50Z1000SP
5 m cable (16.4 ft)	HMP50Z500SP
Basic sampling cell	DMT2425C
Sampling cell with swagelok 1/4" male connectors	DMT2425C2