



DMT143 Miniature Dew Point Transmitter

Type	Options	1	2	3	4	5	6	7	8	9	10	11	12	13
Mechanical Connection	ISO G1/2" Probe with DRYCAP®180D Sensor	G												
	ISO G1/2" Long Probe with DRYCAP180M Sensor	L												
	NPT 1/2" Probe with DRYCAP®180D Sensor	N												
	NPT1/2" Long Probe with DRYCAP180M Sensor	P												
	ISO G1/2" Long Probe with DRYCAP180S Sensor	R												
	NPT1/2" Long Probe with DRYCAP180S Sensor	T												
	UNF 3/4"-16 Probe with DRYCAP®180D Sensor	U												
	UNF 5/8"-18 Probe with DRYCAP®180D Sensor	V												
Digital Interface	RS485		1											
	RS-485 MODBUS RTU output		2											
	RS-485 MODBUS RTU output 19200 N 8 1		3											
Analog Signal Output	None (Digital Output)			0										
	0...1 V, 1.1 V error state			A										
	0...5 V, 5.5 V error state			B										
	4...20 mA, 3.6 mA error state			C										
	1...5 V, 5.5 V error state			D										
	0...1 V, 0 V error state			E										
	0...5V, 0 V error state			F										
	4...20 mA, 0 mA error state			G										
	1...5 V, 0 V error state			H										
Analog Output Scaling	None				0									
	-80...+20 °C Td				1									
	-80...+20 °C Tda, ambient P				2									
	0...1000 ppmv				3									
	0...5000 ppmv				4									
	-60...+60 °C Td				A									
	-50...+50 °C Td				B									
	-40...+60 °C Td				C									
	-70...+60 °C Td				D									
	-100...+20 °C Td				E									
	free scaling ppm, please define:				P									
	free scaling Td °F, please define:				U									
	free scaling Td °C, please define:				X									
Alarm LED Setpoint	Off, only fault indication					A								
	-40 °C Td					B								
	-20 °C Td					C								
	-10 °C Td					D								
	3 °C Td					E								
	Other value, please define:					X								
	Deactivated, LED always off					Z								
Process Gas	Process gas air						1							
	Air, No Purge						E							
	Air with Purge Interval 12h						F							
Pressure Setting for Optimized Accuracy	1 bar Absolute							A						
	3 bar Absolute							B						
	5 bar Absolute							C						
	7 bar Absolute							D						
	Custom, max 50 bar, please specify:							X						
Cable	No Cable								0					
	Cable 0.3 m (1.0 ft) with Open Leads								2					
	Cable 3.0 m (9.8 ft) with Open Leads								3					
	Cable 5.0 m (16.4 ft) with Open Leads								4					
	Cable 10.0 m (32.8 ft) with Open Leads								5					
	1.5 m (4.9 ft) Heavy Duty Cable with Open Leads								6					
	3.0 m (9.8 ft) Heavy Duty Cable with Open Leads								7					
Sensor Protection	Sintered Stainless Steel Filter for Long Probe									1				
	Standard sintered filter									A				

