



HMT330 Premium Humidity and Temperature Transmitter with Metal Enclosure

Type	Options	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Transmitter Type	HMT331 Transmitter for Wall Mounting (-40...+60 °C) (-40...140 °F)	1																							
	HMT332 Transmitter for pressurized processes with flange	2																							
	HMT333 with Remote General Purpose Probe (-40...+80/120 °C)	3																							
	HMT334 for High Pressure up to 100 bar and vacuum conditions	4																							
	HMT335 for Flange Installations (-40...+180 °C)	5																							
	HMT337 for high humidity (warmed probe option)	7																							
	HMT338 with Adjustable Insertion Depth in Pressurized Lines	8																							
	Probe Cables	None	0																						
Additional Temperature Probe	No Temperature Probe			0																					
	Temperature probe, 2m, -70...+180°C, 1/4 DIN Class B			1																					
	Temperature probe, 5m, -70...+180°C, 1/4 DIN Class B			2																					
	Temperature probe, 10m, -70...+180°C, 1/4 DIN Class B			3																					
	Temperature probe, 20m, -70...+180°C, 1/4 DIN Class B			7																					
	Scaled Cable Gland M12x1,5 HSK-M-EMV-D			A																					
Calculations	aw+T+ppm for Specific Transformer Oil Type				6																				
	Non-warmed probe, parameters RH+T+Td+a+Tw+x+h+pws available				B																				
	Warmed Humidity Probe, parameters available include Td+Tdf+x+pw				C																				
	RH+T+Td+a+Tw+x+h+pws, with warmed RH probe +T probe				D																				
	Water Activity (aw) and Temperature (T) for General Use				E																				
	aw+T+ppm for Mineral Transformer Oil				F																				
Display	Cover without Display					0																			
	Display Cover					1																			
Power Supply	Standard power supply, 10...35 VDC 24 VAC						0																		
	Power supply with galvanic isolation, 10...35 VDC 24 VAC						1																		
	Internal AC-power (110...240 VAC)						2																		
	Power Supply Module (100-240 VAC) with US Power Cord						3																		
	Power Supply Module with EUR-Power Cord						4																		
	Power Supply Module with UK-Power Cord						5																		
	Power Supply Module with AUS-Power Cord						6																		
	10...35 Vdc with DCDC-1 for High Pressures						7																		
	24...35 Vdc with Jumper for High Pressures						8																		
Mi70usadapter For HMT330 PF						9																			
Signal Output	4...20mA							1																	
	0...20mA							2																	
	0...1V							3																	
	0...5V							4																	
	0...10V							5																	
Analog Output Signals for CH1	RH 0...100%RH								B																
	T (range selected separately)								C																
	Channel 1 Td (-20...+100C)								D																
	Channel 1 Tdf (-20...+100C)								E																
	Channel 1 a (0...600g/m3)								F																
	Channel 1 Tw (0...+100C)								G																
	x 0...500 g/kg (0...3500 gr/lb)								H																
	h -40...+1500 kj/kg (-9.5...+652.6 Btu/lb)								J																
	ppm 0...5000								K																
	pw 0...1000 hPa (0...14.5 psi)								L																
	pws 0...1000 hPa (0...14.5 psi)								M																
	Channel 1 dT(-10...+50C)								N																
	Channel 1 Td (-45...+75°C)								P																
	Special parameter and scale, please specify:								X																
Analog Output Signals for CH2	RH 0...100%RH								B																
	T (range selected separately)								C																
	Channel 2 Td (-20...100C)								D																
	Channel 2 Tdf (-20...100C)								E																
	Channel 2 a (0...600g/m3)								F																
	Tw +0...+100 °C (+32...+212°F)								G																
	x 0...500 g/kg (0...3500 gr/lb)								H																
	h -40...+1500 kj/kg (-9.5...+652.6 Btu/lb)								J																
	ppm 0...5000								K																
	pw 0...1000 hPa (0...14.5 psi)								L																
	pws 0...1000 hPa (0...14.5 psi)								M																
	Channel 2 dT(-10...+50C)								N																
	Channel 2 Td (-45...+75°C)								P																
	Special parameter and scale, please specify:								X																
Analog Output Signals for CH3	No Analog Outputs																					A			
	Channel 3 RH (0...100%RH)																					B			
	Channel 3 T (Temperature Range)																					C			
	Channel 3 Td (-20...100C)																					D			
	Channel 3 Tdf (-20...100C)																					E			
	Channel 3 a (0...600g/m3)																					F			
	Channel 3 Tw (0...+100C)																					G			
	Channel 3 x (0...500g/kg d.a.)																					H			
	Channel 3 h (-40...1500KJ/kg)																					J			
	Channel 3 ppm (0...5000)																					K			
	Channel 3 pw (0...1000 hPa)																					L			
	Channel 3 pws (hPa) (psi)																					M			

