



HMT310 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
Probe Code	HMT311 Wall type transmitter	1																
	HMT313 for duct mounting or outdoor mounting	3																
	HMT314 for High Pressure up to 100 bar and vacuum conditions	4																
	HMT315 for high temperature up to 180°C	5																
	HMT317 for high humidity (warmed probe optional)	7																
	HMT318 for pressure up to 40 bar HMT31F for high humidity with extended heating (for fuel cell)	8 F																
Transmitter Type	Non-warmed probe, parameters RH+T+Td+a+Tw+x+h+pws available		B															
	Warmed probe, parameters Td+TdF+x available		C															
Mounting Plate	Standard Mounting Plate			5														
	Mounting Plate Without Flange			6														
Power Supply	Standard power supply, 10...35 VDC 24 VAC				A													
Analog Output Signal	4...20mA					1												
	0...20mA					2												
	0...5V					4												
	0...10V					5												
	1...5V					J												
		No Analog Outputs						A										
Analog Output Parameters for CH1	RH 0...100%RH						B											
	T (range selected separately)						C											
	Td -40...+60°C (-40...140°F)						D											
	Tdf -40...+60 °C (-40...140°F)						E											
	A 0...160g/m3 (0...69.9gr/ft3)						F											
	X 0...160 g/kg (0...1120gr/lb)						G											
	Tw 0...+60 °C (+32...+140 °F)						H											
	ppm 0...5000						J											
	pw 0...1000 hPa (0...14.5 psi)						K											
	pws 0...1000 hPa (0...14.5 psi)						L											
	h -40...+1500 kJ/kg (-9.5...+652.6 Btu/lb)						M											
	Td -40...+100 °C (-40...212 °F)						N											
	Channel 1 Tdf (-40...100C)						P											
	A 0...500 g/m3 (0...218.5 gr/ft3)						Q											
	x 0...500 g/kg (0...3500 gr/lb)						R											
	Tw +0...+100 °C (+32...+212°F)						S											
x +0...+200 g/kg (+0...+1400 gr/lb)						T												
Special parameter and scale, please specify:						X												
Analog Output Parameters for CH2	No Analog Outputs						A											
	RH 0...100%RH						B											
	T (range selected separately)						C											
	Td -40...+60°C (-40...140°F)						D											
	Tdf -40...+60 °C (-40...140°F)						E											
	A 0...160g/m3 (0...69.9gr/ft3)						F											
	X 0...160 g/kg (0...1120gr/lb)						G											
	Tw 0...+60 °C (+32...+140 °F)						H											
	ppm 0...5000						J											
	pw 0...1000 hPa (0...14.5 psi)						K											
	pws 0...1000 hPa (0...14.5 psi)						L											
	h -40...+1500 kJ/kg (-9.5...+652.6 Btu/lb)						M											
	Td -40...+100 °C (-40...212 °F)						N											
	Tdf -40...+100 °C (-40...140 °F)						P											
	A 0...500 g/m3 (0...218.5 gr/ft3)						Q											
	x 0...500 g/kg (0...3500 gr/lb)						R											
Tw +0...+100 °C (+32...+212°F)						S												
Channel 2 x (0...200g/kg d.a.)						T												
Special parameter and scale, please specify:						X												
Analog Output Range for Temperature	No T-Range						A											
	Temperature Range -60...+60C, MET						B											
	T -40...+60 °C (-40...+140 °F)						C											
	Temperature Range -40...+120C						D											
	T -40...+180 °C (-40...+356 °F)						E											
	T -20...+60°C (-4...+140 °F)						F											
	T -20...+80 °C (-4...+176 °F)						G											
	T -20...+120 °C (-4...+248 °F)						H											
	T 0...+60 °C (+32...+140 °F)						J											
	T 0...+100 °C (+32...+ 212 °F)						K											
	T 0...+120 °C (+32...+248 °F)						M											
	Temperature Range -40...+200°C (-40...+392°F)						N											
T Special range, please specify:						X												
Output Units	Metric Units									1								
	Non Metric Units									2								
Cable Connector	8-Pole Connector with 5m Cable										4							
	8-Pole Counter Connector										5							
	8-Pole Connector with 10m Cable										7							

