

Specifications			
Materials	Housing	Stainless Steel	
	Process Connection	Stainless Steel	
Supply Voltage		12...30 V DC, Protection From Reverse Polarity and Overload	
Power Consumption		≤ 50 mA, Without Load Current	
Switching Outputs	Switching Function	Normally Closed (NC) or Normally Open (NO)	
	Power Rating	100 mA per Switch Output	
Adjustment	Set point	0.1° Steps Within Temperature Range	
	Reset Point	0.1° Steps Within Temperature Range up to (Set Point - 0.1°)	
Analogue Output	Signal	4...20 mA, 3-wire	
	Load Resistance	R = Us - 7V/0.022A	
Accuracy		Accuracy of PT100 Sensing Element + 0.1% of Temperature Range	
Repeatability		0.05%	
Temperature Ranges		-50...+125°C	-58...+257°F
		-50...+200°C	-58...+392°F
		-0...+400°C	+32...+752°F
		-0...+600°C	+32...+1112°F
		-200...+600°C	-328...+1112°F
Stem Length and Working Pressure	Standard	ø6 x 50mm Stem Length, Up to 580 PSI (40 BAR)	
		Additional Stem Lengths Available Upon Request	
Thread Connections		1/4 NPT, 1/2 NPT, 1/4 BSP, and 1/2 BSP	
Electrical Connections		M12x1, 4-pin	
Protection Class		IP65 According to IEC 529	
Temperature Ranges	Storage	-30...+80°C	-22...176°F
	Ambient	-25...+70°C	-13...158°F
	Tk	0.1% of Measuring Range per 10 K	
Display		7-segments, LED Display, Red, 7.6mm high	
EMC to IEC / EN 61 326		IEC 61000 / 4 / 2 ESD: B	
		IEC 61000 / 4 / 3 HF Radiated: A	
		IEC 61000 / 4 / 4 Burst: A	
		IEC 61000 / 4 / 5 Surge: A	
Weight		IEC 61000 / 4 / 6 HF Mains Borne: A	
		Approx 0.3 kg/0.7lbs (Dependent on Stem Length)	