FEATURES	TXMINI-M12-MP
Sensor input	**Pt100:** 3-wire type, 0.8 mA excitation, α = 0.00384, according to NBR 13773. IEC 60751 (ITS-90).
Time between energizing and stabilizing the measurement	< 2.5 s. Accuracy is only guaranteed after 15 minutes.
Reference conditions	• Environment: 25 °C (77 °F) • Power supply: 24 V • Load: 250 Ω • Stabilization time: 15 minutes
Temperature influence	± 0.2 % / 25 °C (77 °F)
Response time	Typically 1.6 s
Maximum permissible voltage at the sensor's input terminals	3 V
RTD Current	800 μA
Effect of RTD cable resistance	0.005 °C (32,009 °F) / Ω
Maximum admissible resistance of RTD cable	25 Ω
Power supply influence	0.006 % / V typically (maximum range percentage).
Output	4-20 mA or 20-4 mA current, 2-wire type; linear in relation to the temperature measured by the sensor.
Output resolution	2 μA
Power supply	8 to 35 Vdc
Maximum load (RL)	RL (max.) = (Vdc – 8) / 0.02 [Ω] Where: Vdc = Power supply in Volts (from 8 to 35 Vdc)
Operating temperature	-40 to 85 °C (-40 to 185 °F) (Electronics)
Environment humidity	0 to 90 % RH
Wire size used	0.14 to 1.5 mm²
Process thread type	1/2" BSP and 1/4" BSP
Recommended torque	0.8 Nm
No electrical isolation between input and output.	
Internal protection against reversal polarity of voltage supply.	