FEATURES	TXMINI-M12-485
Sensor input	**Pt100 RTD**: Type 3-wire, 0.8 mA excitation, α = 0.00384, according to NBR 13773. IEC 60751 (ITS-90). • **Typical accuracy:** 0.1 %. • **Minimum accuracy:** 0.2 %. • **Measurement range:** -200 to 600 °C (-328 to 1112 °F). • **Minimum measurement range:** 40 °C (104 °F).
Effect of sensor cable resistance	0.005 °C / Ω
Maximum permissible resistance of the sensor cable	25 Ω
Time between energizing and stabilizing the measurement	< 2.5 s
Temperature influence	< ± 0.2 % / 25 °C (77 °F)
Response time	Typically, 2 s
Maximum acceptable voltage at the input terminals on the sensor	3 V
Power supply	7 to 40 Vdc, consumption < 10 mA
Operating temperature	-40 to 85 °C (-40 to 185 °F)
Environment humidity	0 to 90 % UR
Wire size used	0.14 to 1.5 mm²
Recommended torque	0.8 Nm
Housing	Polyamide
Factory adjusted and calibrated to traceable standards.	
No electrical isolation between input and output.	
Internal protection against reversal polarity of voltage supply.	