

FEATURES	TXMINI-485
Sensor input	<p>Pt100 RTD: Type 3-wire, 0.8 mA excitation, $\alpha = 0.00384$, according to NBR 13773. IEC 60751 (ITS-90).</p> <ul style="list-style-type: none"> • 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 % RH
Wire size used	0.14 to 1.5 mm ²
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.	