



Explosion-Proof RTD Temperature Transmitter

User Selectable Ranges, Optional LCD Display

Models Select Chart

Model	Description
TTE-104-W	Explosion-proof RTD temperature transmitter, 4" probe.
TTE-104-W-LCD	Explosion-proof RTD temperature transmitter, 4" probe, with LCD display.
TTE-106-W	Explosion-proof RTD temperature transmitter, 6" probe.
TTE-106-W-LCD	Explosion-proof RTD temperature transmitter, 6" probe, with LCD display.
TTE-109-W	Explosion-proof RTD temperature transmitter, 9" probe.
TTE-109-W-LCD	Explosion-proof RTD temperature transmitter, 9" probe, with LCD display.
TTE-112-W	Explosion-proof RTD temperature transmitter, 12" probe.
TTE-112-W-LCD	Explosion-proof RTD temperature transmitter, 12" probe, with LCD display.
TTE-115-W	Explosion-proof RTD temperature transmitter, 15" probe.
TTE-115-W-LCD	Explosion-proof RTD temperature transmitter, 15" probe, with LCD display.
TTE-118-W	Explosion-proof RTD temperature transmitter, 18" probe.
TTE-118-W-LCD	Explosion-proof RTD temperature transmitter, 18" probe, with LCD display.

Accessories

Model	Description
A-287	Mounting bracket for pipe or surface mounting (includes bracket and two 2" U-bolts).

Specifications:-		
Temperature Sensor	:	Pt1000, 0.00385 DIN.
Output Temperature Ranges	:	User selectable - any range between -30 to 250°F with a minimum span of 40°F.
Temperature Limits	:	Ambient: 0 to 158°F (-18 to 70°C); Process: -30 to 250°F (-34.4 to 121.1°C).
Accuracy	:	Transmitter: ±0.1% FS; Probe: ±0.3% FS.
Thermal Drift Effects	:	±0.02%/°C max.
Response Time	:	250 ms.
Wetted Materials	:	316 SS.
Process Connection	:	1/2" male NPT.
Conduit Connection	:	1/2" female NPT.
Probe Length	:	2" to 18" (depending on model).
Pressure Limits	:	2000 psi (137.9 bar).
Power Requirements	:	10 to 35 VDC.
Output Signal	:	4 to 20 mA (two wire loop powered).
Optional Display	:	2 lines X 8 character LCD.
Enclosure Rating	:	Weatherproof and Explosion-proof. Listed with FM for Class I, Division 1, Groups B, C and D, and dust ignition-proof for Class II, Division 1, Groups E, F and G and Class III atmospheres.
		<p>ATEX Certified: CE 0518 II 2 G Ex db IIC, CE (Ex) II 1 D Ex ta IIIC T111°C Da, T6 Process Temp =80°C, Temperature Class T5 Process Temp =95°C, Temperature Class T4 Process Temp =120°C as defined on nameplate. EU-type Certificate No.: EMT17ATEX0021 X. (Pending) ATEX Standards: EN 60079-0:2012+A11:2013; EN 60079-1:2015; EN 60079- 31:2014. (Pending)</p> <p>IECEx Certified: For Ex db IIC T6 Gb, Ex ta IIIC T111°C Da, Process Temp =80°C, Temperature Class T5 Process Temp =95°C, Temperature Class T4 Process Temp =120°C as defined on nameplate.</p>

		(Pending) IECEX Certificate of Conformity: Element IECEX EMT 17.0007X; IECEX Standards: IEC 60079-0:2011 (Edition 6); IEC 60079-2014 (Edition 7); IEC 60079-31:2013 (Edition 2). (Pending)
Weight	:	2 lb 8 oz (1134 g).
Agency Approvals	:	CE, ATEX/IECEX pending, FM