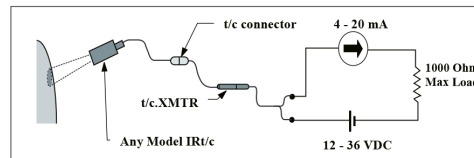
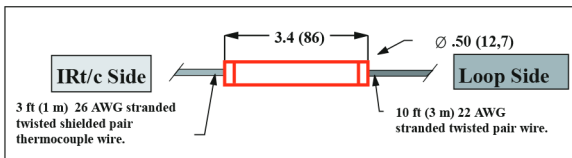


Product Overview

The t/c.XMTR is specifically designed to interface any model IRt/c by a simple thermocouple connector or splice. The two wire current loop can be used in any conventional 4-20mA, 0-5V or 0-10V circuit that is scaled for the temperature range of interest. For OEMs, IRt/c sensors and t/c.XMTR can be supplied pre-wired together. Click here for the Installation Guide



- Use any existing wiring, for easy low cost installation
- Use existing PLC, computer or controller inputs
- In line design requires no mechanical support
- Pre-calibrated for IRt/c type, no span or zero adjustment necessary
- Hermetically sealed construction exceeds NEMA 4, 4X, IP65, 66, 67
- Stainless Steel construction can withstand harsh environments



J150
K150

J500
K500

J1200
K1200

K2100
S3000

S3000

Temperature at 4 mA	32°F (0°C)				
Temperature at 20 mA	150°F (65°C)	500°F (260°C)	1000°F (540°C)	2000°F (1100°C)	3000°F (1650°C)
Accuracy	±0.1% F.S. conversion of thermocouple mV input to mA output				
Speed of Response	160 msec (10Hz bandwidth)				
Operating Range	32 to 158°F (0 to 70°C)				
Temperature Drift	<0.02% F.S. per °C				
Output Noise	<1nv rms (100Hz bandwidth)				
Input Break Indication	Upscale: goes to >20 mA				
Power Supply @ Load	12 VDC minimum @10; to 22 VDC minimum @1K				
Storage Temperature	-85 to 257°F (-65 to 125°C)				
Weight	2.4 oz (68 g) with cables				
Housing	Stainless steel, hermetically sealed, meets or exceeds all applicable NEMA ratings, housing electrically isolated from signal.				