

ATEX Hazardous Area In-Head Transmitter

ATEX Approved Loop Powered Temperature Transmitter for Hazardous Area Applications. Our range of 4 to 20 mA output loop-powered in-head temperature transmitters are available for use with either thermocouple types K, J, N, B & S or Pt100 RTD sensors.

They have an approval rating of Ex ia IIC T5/T6, ATEX II 1G for use in hazardous area applications.

Features

- Thermocouple or RTD (Pt100) input
- Ex ia IIC T5/T6, ATEX II approvals
- Accuracy better than 0.25°C (Pt100 sensor)
- Sensor error detection
- 2-way configuration



Application

- Industrial probes
- Replacements in field fitted probes
- For connection to instrumentation systems that will not accept T/C or RTD directly

The transmitter can be rail mounted or used in the SST Sensing industrial KNE housing. They have a 6mm centre hole for quick sensor replacement and include spring loaded mounting screws.

- For connection to instrumentation systems that will not accept T/C direct input.
- Pre-programmed to customer specified ranges.
- Fitted behind ceramic block to screen the transmitter from the process temperatures.

Product	ATEX In-Head Transmitter
Sensor Type	Thermocouple or RTD
Supply Range	8-35VDC
ATEX Rating	Ex ia IIC T5/T6, ATEX II
Operating Temp	40 to 85°C
Output	4 to 20 mA (2 wire)
Dimensions	44 x 19mm