Farnell

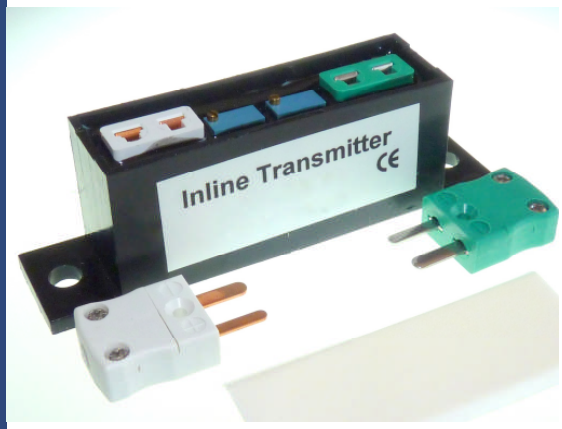
element14

temperature and process technology

LABFACILITY

TEMPERATURE & PROCESS TECHNOLOGY

High Accuracy, In-Line, 2 Wire Temperature Transmitter



- 4-20mA, 2 wire loop
- High accuracy & stability
- In-head mounting, DIN standard fixing
- Pt100 or thermocouples type J, K and N
- Input & output plugs included
- Free standing or surface mounting
- fixing lugs & adhesive patch included
- Effective input ' noise ' rejection
- CE compliant
- RoHS compliant

A unique, rapid & simple solution to convert to, or add 4-20mA loops using existing sensors in-situ without process downtime.
The ILTX is simply plugged into the probe termination and a housing is not required.

A novel feature is the minimal-interaction span and zero potentiometer action, which is time saving and convenient when calibrating, or re-scaling.

Specification

Ranges	Thermocouple to IEC 584 Type K 0-1100°C *(Junctions/sensors must be insulated from sheath)*
Output	4-20mA loop powered, max 30mA. Directly proportional to mV input for thermocouples. Directly proportional to temperature for Pt100.
Loop supply	12-36V dc; reverse connection protected.
Accuracy	Thermocouple ranges ±0.2% of span (linear to mV input)

Type	Range	Farnell Code
Type K	0-1100°C	163-3475

About Labfacility

Formed in 1971, Labfacility specialize in the field of Temperature and Process Measurement.

We are the largest UK manufacturer of both temperature sensors and thermocouple connectors

Quality & Service

Quality and Service are key elements in the continued growth of Labfacility.

Technical support is always freely available from our experienced technical sales teams and the company has ISO9001 accreditation.

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