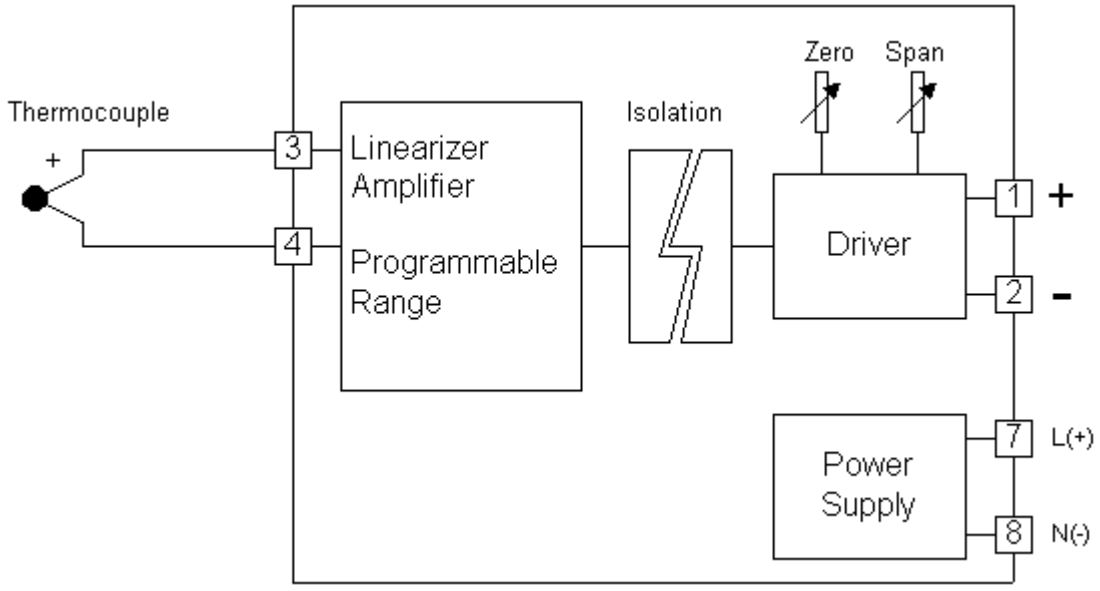
Thermocouple Transmitter

TT95

- Programmable range
- Linearized output standard signal
- Isolation of input , output and power supply
- Cold junction compensation

The thermocouple's signal is linearized and cold-junction compensated to provide an isolated and linearized DC. voltage or current output. Typically the **Thermocouple Transmitter TT95** interfaces with recording, monitering or controlling instruments



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Specifications

Thermocouple Input

Number of channel: 1 Channel

Input type: Thermocouple

Input range:

Type J (0 to 800 ˚C)
Type K (0 to 1200 ˚C)
Type L (0 to 600 ˚C)
Type R (0 to 1700 ˚C)
Type S (0 to 1700 ˚C)
Type T (0 to 400 ˚C)

Cold junction compensation: 0 - 50 ˚C

Analog Output

Number of channel: 1 Channel

Output type: Current, Voltage

Output range:

Current (4 to 20 mA)
Voltage (0 to 5, 1 to 5, 0 to 10 VDC)

Linearity: < ± 0.2% of span

Output Load Resistance:

Current (max. 1000 Ωload)
Voltage (min 1000 Ω load)

Isolation voltage: 500Vac (1 min.)
between input, output, power supply

Power Requirements

Power Supply: 100,110, 220 VAC
(24 VDC Optional)

Environmental Limits

Operating Temperature: 0 to 55 °C

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 °C

Physical Characteristics

Dimension: W50 x H70 x D130 mm.

Mounting: Wall or DIN rail

Connection: Plug - in 11 pins socket

Warranty

Warranty Period: 5 year

Ordering Information: Specify thermocouple type, input range, output, power supply
Example TT95/K/0-400 C/4-20 mA/220 VAC

Package Checklist

1. TT95