

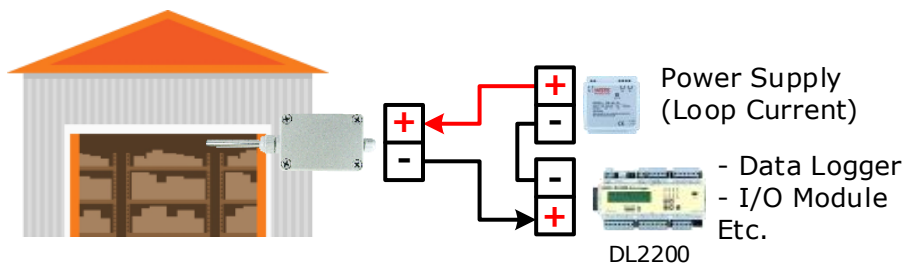
Temperature Transmitter

TR37

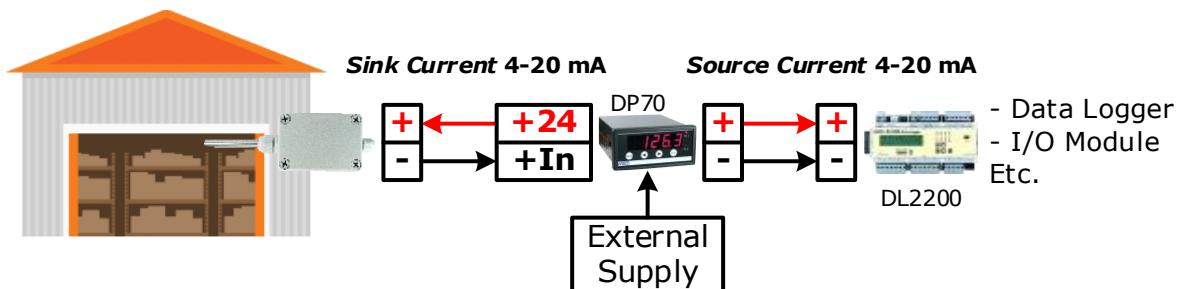


- High Accuracy Temperature $\pm 0.4\text{ }^{\circ}\text{C}$
- Temperature Range $0 - 100\text{ }^{\circ}\text{C}$
- Output 2 Wire 4-20 mA (Loop Power)

Temperature Transmitter TR37 is device that converts temperature to electrical signal (4 – 20 mA) and send to signal receiver such as PLC, Recorder, Controller, indicator etc.



Converts Temperature Values into a 4 - 20 mA Signal to Save Data.



Temperature Display and Save Data.

Specifications

USB Interface

Compliance: USB 1.1/2.0

Connector: USB Mini Type B

Speed: 12 Mbps (Full - Speed USB)

Class: CDC

Temperature Input

Number of Channel: 1 Channel

Input Type: Temperature

Input Range: 0 to 100 °C

Working Range: 0 to 60 °C

Response Time: 1 sec.

Accuracy: ± 0.4 °C (Max.),
(-)10 to 85 °C

Analog Output

Number of Channel: 1 Channel

Output Type: Current (2-Wire)

Output Range: 4 to 20 mA

Loop Powered: 15 to 35 VDC

Output Load Resistance:

$$R_{load (Max.)} = (V_{supply} - 15)/0.02$$

Environmental Limits

Operating Temperature: 0 to 55 °C

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 °C

Physical Characteristics

Dimension: W75 x H125 x D50 mm.

Probe Length: W80 mm.

Probe Diameter: 9.5 mm.

Warranty

Warranty Period: 1 Year

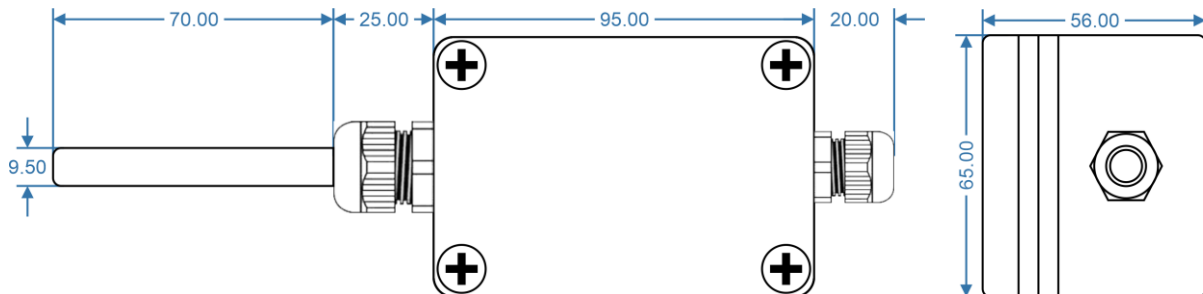
Ordering Information:

Example TR37

Package Checklist

1. TR37

Dimension (Unit: mm.)



Wiring

