

RTD Transmitter

RT37



- Wide programmable input range
- Linearized
- Isolated input to output
- Compact DIN rail mount enclosure
- High accuracy
- Low cost
- Easy to install

Specifications

RTD Input

Number of channel: 1 Channel

Input type: RTD Pt100, DIN or JIS
(3 wire Connection)

Input range:

Rangeable zero from (-)100°C to 100°C

Rangeable span from 15°C to 500°C

Other types of RTD input available. eg.
Cu100, Pt1000

Input impedance: Lead wire resistance
10 Ω/wire max.

Analog Output

Number of channel: 1 Channel

Output type: Current

Output range: 4 to 20mA (2 Wire)

Loop powered: 12 to 35 VDC

Linearity: < ± 0.2 % of span

Accuracy: < ± 0.2 % of span

Ordering Information:

Example RT37

Package Checklist

1. RT37

Ambient drift: < ± 0.02% / °C of span

Output Impedance: Max. 600 Ω at 24 VDC (50 Ω/V above 12 VDC)

Current Limitation: < 26 mA

Isolation voltage: 500 VAC input/output
isolation (1min test)

Environmental Limits

Operating Temperature: 0 to 55 °C

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 °C

Physical Characteristics

Dimension: W22 × H80 × D85 mm.

Mounting: DIN or EN rail

Warranty

Warranty Period: 5 year

