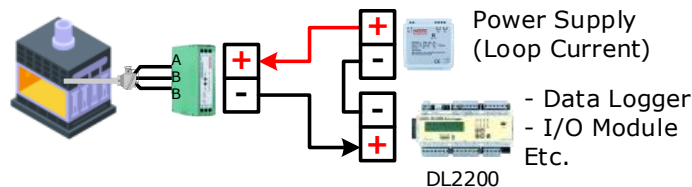


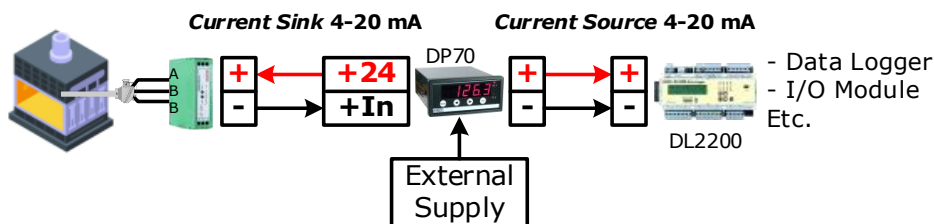
# RTD Transmitter RT37



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



แปลงค่าอุณหภูมิเป็นสัญญาณ 4 - 20 mA เพื่อบันทึกข้อมูล



แสดงค่าอุณหภูมิและบันทึกข้อมูล

## 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

**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

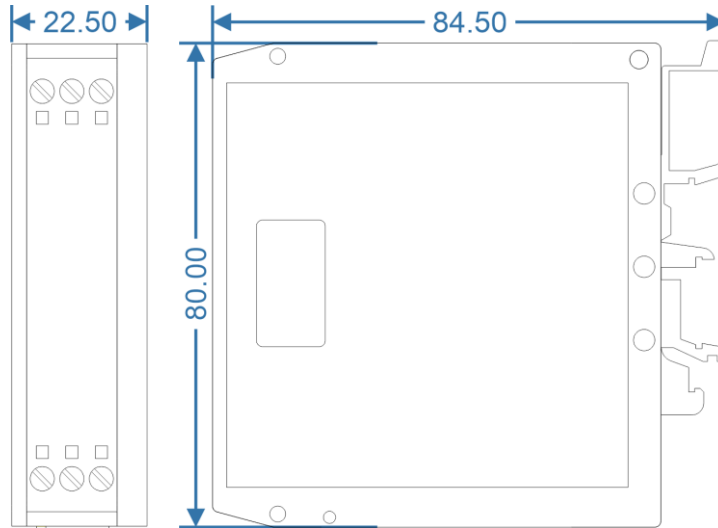
**Ordering Information:**

Example RT37

**Package Checklist**

1. RT37

**Dimension (Unit: mm.)**



**Wiring**

