

Current Transmitter

CT37



- Current Input 0 - 1, 0 - 5, 0 - 10 Aac
- Linearised
- Isolated Input to Output
- Compact DIN Rail Mount Enclosure
- High Accuracy
- Low Cost
- Easy to Install

Specifications

Analog Input

Number of Channel: 1 Channel

Input Type: Current (AC)

Input Range: 0 to 1, 0 to 5, 0 to 10 Aac
(Over-Range 120 % Continuously)

Input Loss: 1 VA Max.

Analog Output

Number of Channel: 1 Channel

Output Type: Current (2 Wire)

Output Range: 4 to 20mA

Loop Powered: 12 to 35 VDC

Linearity: < ± 0.2 % of Span

Accuracy: < ± 0.2 % of Span

Ambient Drift: < $\pm 0.02\%$ / $^{\circ}\text{C}$ 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 (1 min Test)

Environmental Limits

Operating Temperature: 0 to 55 $^{\circ}\text{C}$

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 $^{\circ}\text{C}$

Physical Characteristics

Dimension: W22 \times H80 \times D85 mm.

Mounting: DIN or EN Rail

Warranty

Warranty Period: 5 Year

Ordering Information: Specify Input range

Example CT37/0-5 A (AC)

Package Checklist

1. CT37

