

Signal Converter

SC37



- Programmable DC voltage or DC current input
- 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: Voltage, Current

Input range:

Voltage (10 mVDC to 100 VDC)

Current (100 uADC to 100 mADC)

Input impedance: Current (Max 20 Ω)

Analog Output

Number of channel: 1 Channel

Output type: Current (2 Wire)

Output range: 4 to 20mA

Loop powered: 12 to 35 VDC

Linearity: $< \pm 0.2$ % of span

Accuracy: $< \pm 0.2$ % 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 (1min 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 SC37/0-10 mV

Package Checklist

1. SC37

