

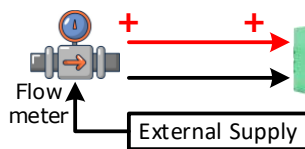
Signal Converter

SC37

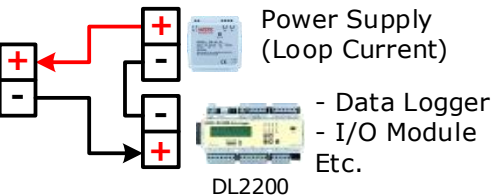


- Programmable DC voltage or DC current input
- Isolated input to output
- Compact DIN rail mount enclosure
- High accuracy
- Low cost
- Easy to install

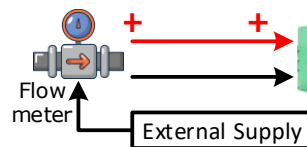
Current Source 4-20 mA



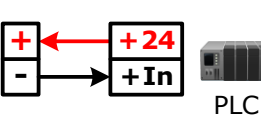
Current Sink 4-20 mA



Current Source 4-20 mA



Current Sink 4-20 mA



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

Ordering Information: Specify Input range

Example SC37/0-10 mV

Package Checklist

1. SC37

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

Current Limitation: $< 26\text{ mA}$

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

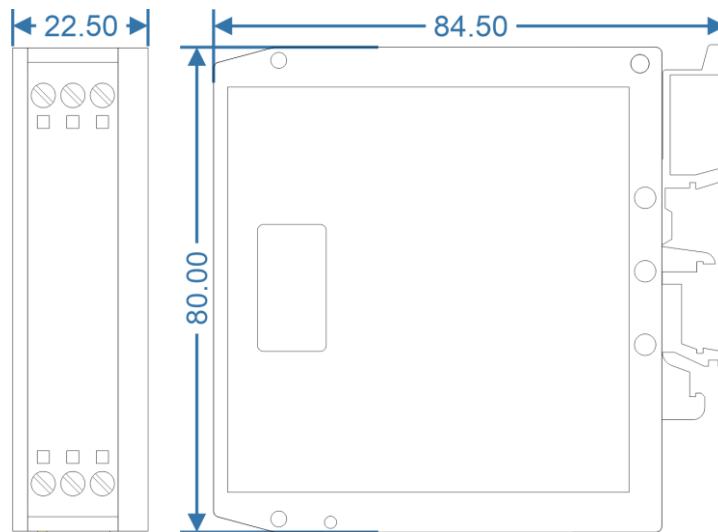
Dimension: W22 $\times$ H80 $\times$ D85 mm.

Mounting: DIN or EN Rail

Warranty

Warranty Period: 5 Year

Dimension (Unit: mm.)



Wiring

