

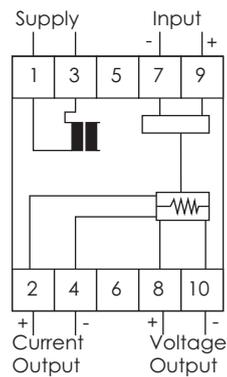
Signal Isolator



Description

The latest analogue technology with sophisticated Optical isolators made it possible to produce high accuracy signal isolator with a wide variety of inputs and outputs.

Wiring Diagram



FEATURES

- Analogue optically isolated
- High accuracy
- High linearity
- Fast response time
- Modular 35.5mm DIN rail mountable
- LED indication for power supply ON
- NOTE: Bridge 2&4 to produce Voltage on 8&9

Input Specifications

Input 0-5V
0-10V
4-20mA
0-20mA

Isolation 600V

Output Specifications

Output Specifications 4-20mA
0-20mA
1-5Vdc
0-10Vdc

Linear Accuracy $\leq 0.2\%$

Accuracy $\pm 0.5\%$

Response Time $\pm 0.5s$

Output Variation $\leq 0.05\% / V$
within rated power $\leq 0.2\% / C$
supply and ambient
temperature

Supply Specifications

Power Supply AC Type 110, 230, 400V
(Galvanic) 525V $\pm 10\%$
50 / 60 Hz $\pm 5\text{Hz}$

Isolation 4kV

Consumption $\pm 3VA$

$\pm 6VA$ 525 V

Power Supply DC Types 12,24,48 V $\pm 10\%$
(Non-galvanic)

Isolation None

Consumption ± 100 mA

General Specifications

Power ON Delay ≤ 300 ms

Power OFF Delay ≤ 200 ms

Indication
Power Supply ON LED green

Environment

Degree Of Protection IP 20
Operating Temperature -10 to + 50°C
Storage Temperature -50 to + 85°C
Weight 200g