



Tempcon Instrumentation Ford Lane Business Park Ford West Sussex BN18 OUZ, UK www.tempcon.co.uk



# SEM1600VI Smart Current / Voltage Process Signal Isolator / Condtioner

### **Product Images**



×

#### **Short Description**

The SEM1600VI is a "smart" powered isolator/conditioner that accepts any voltage signal between (-50 and 50) V dc or any current signal between (-50 and 50) mA. The output stage offers either voltage, bipolar voltage or current re-transmission signals.

#### **Description**

The SEM1600VI is a "smart" powered isolator/conditioner that accepts any voltage signal between (-50 and 50) V dc or any current signal between (-50 and 50) mA. The output stage offers either voltage, bipolar voltage or current re-transmission signals.

A transmitter power supply is provided on both input and output meaning the products can accept sink or source applications. Whilst the retransmission signal can be ranged to a scale anywhere within the input process range.

There are a number of free software tools available including maths functions, 22 segment user linearisation / profiling and input signal damping. These enable you to configure the product exactly to your requirements.

A high efficiency switch mode power supply is fitted as standard and does not require any adjustment between ac or dc applications. Operating voltages are (10 to 48) V dc and (10 to 32) V ac

- (-50 to 50) V or (-50 to 50) mA Input
- Current, Voltage Or Bipolar Voltage Output
- Accepts Internal and External Powered Current Loops On Input and Output
- Powered (10 to 32) V AC / (10 to 48) V DC Supply
- 22 Segment User Linearisation
- USB Port configuration

Part No: SEM1600VI

## **Additional Information**

Country of Manufacture	United Kingdom
Brand	Status
Input	-50 - 50V, -50 - 50mA
Mounting Type	DIN Rail
Typical applications	Energy, Industrial, Non Specific
Measurements	Current AC, Voltage AC, Voltage DC