



**BLACK  
CURRANT**

**LE ELECTRONICS Pvt. Ltd.**

**Product name: *Isolated Signal Converters (SC7) (7.5 mm Series)***



**Model No:**

- **(SC7-1)** 7.5 mm Series Single output
- **(SC7-D)** 7.5 mm Series Single output with Bar Graph

**Features:**

- Ultra Compact, robust and light weight design
- Isolation between supply, input and output
- Bar Graph Display also available
- All combinations of Inputs and Outputs are available from  
Inputs: 0-75mV / +-75mV / 0-5V / 1-5V / 0-10V / 0-10mA / 0-20mA / 4-20mA  
Outputs: 0-5V / 0-10V / 0-20mA / 4-20mA

**Type of Inputs in Signal Isolators (AC &DC):**

Voltage (mV &V) and Current (mA)

## Type of Outputs in Signal Isolators:

Voltage and Current

### Technical specifications:

- **Display Type:** Bar Graph to display input parameter
- **LV Supply Model:** 12V-72V DC or 12V-24 VAC
- **Maximum burden on auxiliary:** 3VA
- **Max Load:** 1K $\Omega$
- **Accuracy class:** 0.5 %
- **Output Protection:** Fully protected against short circuited output
  
- **Temperature:** Operating: 0° to 50° C  
Storage: -20° to 75° C
- **Input to Output Isolation:** 2KV
- **Response time:** 10 m Sec

### Applications:

- Interfacing field sensors, transducers and transmitters and display indicators
- Interfacing PLC and other process control instrumentation
- Data Transmission
- Transducer Interface
- System Isolation of DCS, SCADA, Data Acquisition, AC drives
- Input To: Data Logging, PLC, Indicators, Tele-metering and Recorders etc.

**Dimensions (mm):** (L x B x H): 104 mm, 7.5 mm, 75 mm Approximately

**Mounting (L x W):** 35 mm din rail mounting

### Contact:



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