

Peak-Hold Signal Conditioner

SC21

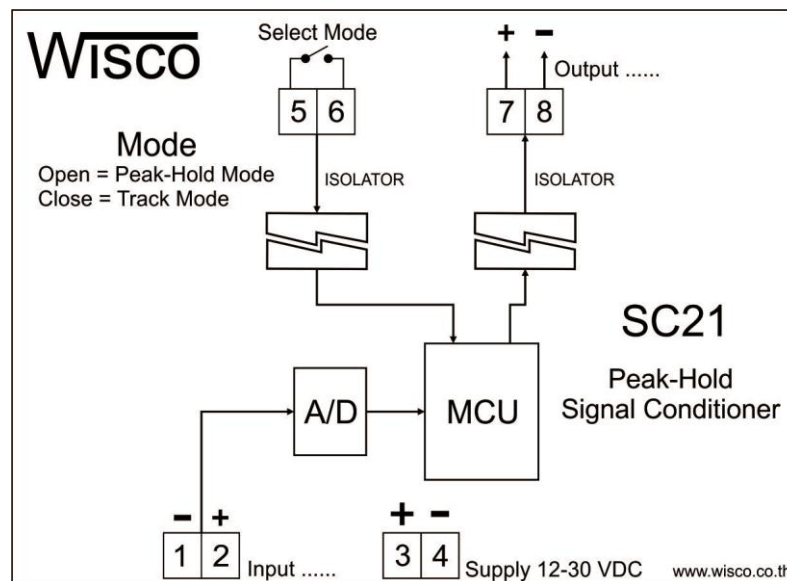


- Hold Max. Value
- Isolated Input, Output and Power Supply
- Signal 4-20 mA, 1-5 VDC, 0-10 VDC
- DIN Rail Mounting

The **Peak-Hold Signal Conditioner SC21** operates in two modes. When terminals 5 and 6 are shorted, the unit operates in Track Mode; when they are open, it operates in Peak-Hold Mode. The differences between these two modes of operation are as follows:

Peak-Hold Mode When the input value increases, the output increases accordingly; however, when the input value decreases, the output maintains its peak value rather than decreasing with the input. The output will only increase again once the input rises above its previous peak.

Track Mode The input and output always fluctuate by the same amount.



Specifications

Operating Mode

Peak-Hold Mode: Open Terminal 5, 6

Track Mode: Short Terminal 5, 6

Analog Input

Number of Channel: 1 Channel

Input Type: Voltage, Current

Input Range:

Voltage (0 to 5, 1 to 5, 0 to 10 VDC)

Current (4 to 20 mA)

Accuracy: < 0.1 % of Span

ADC Resolution: 16 Bits

Analog Output

Number of Channel: 1 Channel

Output Type: Voltage, Current

Output Range:

Voltage (0 to 5, 1 to 5, 0 to 10 VDC)

Current (4 to 20 mA)

Isolation Voltage: 500 VAC, between input output and power supply

Power Requirements

Power Supply: 12 to 24 VDC

Power Consumption

Standby: 155 mA @ 12 VDC

Environmental Limits

Operating Temperature: 0 to 55 °C

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 °C

Physical Characteristics

Dimension: W20 x H100 x D118 mm.

Mounting: DIN Rail

Warranty

Warranty Period: 5 Year

Ordering Information: Specify Input, Output

Example SC21/4-20mA/4-20mA

