



Solar PV Monitoring & Analytics

Datasheet & Installation Guide Sensor Signal Conditioner

Internet of Things

Solar Energy



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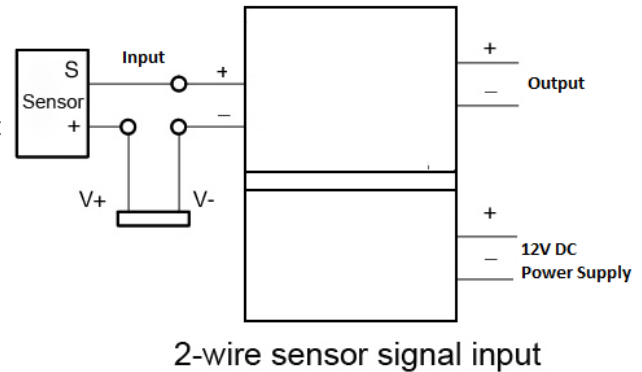
DATASHEET

Introduction

The signal conditioner is a small size high linear analog dc current/voltage signal-conditioning module. Its input or output signals can be defined as per user specific requirements. Its input to output are in high linearity and gain or zero is adjustable. The signal conditioner supports 12V DC single operating power supply. It can convert DC signal output from DSP, sensor, meters, instruments, PLC, etc. into standard 4-20mA, 0-5V, 0-10V, etc., outputs and it is widely used in process controlling analog signal linear conversion and interference filtering in monitoring system.

Features

- High linearity
- Power supply: 12V DC
- 0-200mV, 0-5V, 0-10V, 4-20mA, RTD, Pulse etc. signal input or output
- 1-channel input, 1-channel output as per user requirements
- Small size signal conditioners, save space and cost.
- Material: ABS Plastic watertight enclosure



Various Signal Conditioners available as per requirements. Few examples are

Common Input and Output channels:

Possible Input Signal (Any 1 of all mentioned signal)	Output Signal
0-200mV / 0-1V / 0-5V / 0-10V RTD Pulse	4-20ma
0-200mV / 0-1V 4-20ma RTD Pulse	0-5V
0-200mV / 0-1V / 0-5V 4-20ma RTD Pulse	0-10V

Note:

- “1-channel input” to “1-channel output” means any one possible input signal type can be converted to required output signal.
- Supplied without power supply

Warranty

Applicable Warranty Term & Conditions is available on - <https://trackso.in/warranty/>

Repair - For all returns for repair or warranty claims, the customer must fill out a “Service Form”. The form is available from our website at <https://trackso.in/service-form/>. A completed form must be submitted online. TrackSo is unable to process any returns for repair or warranty until this form is received. If the form is not received within three days of product receipt or is incomplete, the product will be returned to the customer at the customer’s expense.

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