

# Model A2 Heavy Duty Signal Conditioner for One Sensor



## Specifications:

1. power supply: 12/15/24 Vdc
2. excitation voltage for sensors: 5~10 Vdc adjustable
3. input signal: 5mV, ..., 30mV (or: sensor output sensitivity: 1 mV/V, ..., 3 mV/V)
4. output signal: 0~5 Vdc, 0~10 Vdc, or -5 ~ +5 Vdc for voltage output  
4~20 mA, 0~10 mA, or 0 ~ 20 mA for current output
5. accuracy: 0.1 %FSO (standard), 0.2 %FSO
6. load resistance:  $\geq 1 \text{ k}\Omega$  (voltage output)  
 $\leq 1 \text{ k}\Omega$  (current output)
7. electric connections:
  - on the side for sensor connection, 5-pole connector (plus mating connector)
  - on the side for power supply and output signal, 7-pole connector for 2-wire, 3-wire or 4-wire configurations (plus mating connector)
8. operating temperature range: -20 ~ + 85 C°
9. environment protection: IP 65

## Testing and Calibrating:

Before delivery, model A2 SSC is 100% tested for the rated sensor output sensitivity as stated on the purchasing order (for example, 1.5mV/V), and calibrated to the inquired output signal (for example, 0~10 Vdc).

## How to order:

When placing a purchasing order, specify an ordering code containing all the necessary technical specifications of your interest.

### Ordering code (o/c) system:

Model - sensor output sensitivity - SSC output signal - accuracy - customer specific requests

**Ordering code example:** o/c = A2 - 1.5mV/V - 4~20 mA - 0.1%fso - no specific requests



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