

ASC110-S DC Current Transducer

- Compact size for easy Installation
- Loop powered, reducing wiring
- 2 year warranty as standard
- CE compliant
- Connect directly to PLC

APPLICATION

- Motor / Heating element current monitoring.
- Current signal conditioning.

TECHNICAL SPECIFICATION

INPUT

Current can be specified in the range of:
 $\pm 50\text{mA}$, $\pm 100\text{mA}$, $\pm 200\text{mA}$, $\pm 300\text{mA}$,
 $\pm 500\text{mA}$

OUTPUT (Bi-Directional)

I/P = -200mA 0mA $+200\text{mA}$
O/P = 4mA 12mA 20mA
Output Load: 50 to 450R ohms

Available on request Unidirectional

SUPPLY

24Vdc $\pm 20\%$

PERFORMANCE

Linearity: $< \pm 0.2\%$
Accuracy: $< \pm 1\%$
Consumption: $30\text{mA} + I_{\text{out}}$
Freq Bandwidth: DC to 1kHz

CONTROLS

1 turn potentiometers for output calibration.

Zero: $\pm 25\%$

Span: $\pm 25\%$

PROTECTION

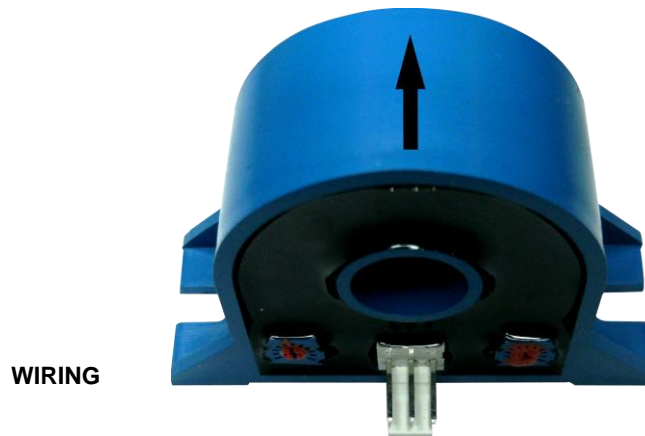
Isolation 3000V RMS. Input / Output / Case
Input over range up to 300% continuous.
Enclosure: ABS (UL 94V-0) / Encapsulation

ENVIRONMENTAL CONDITION

Storage temperature: -40 to $+70^\circ\text{C}$
Operating Ambient: -25 to 55°C
Relative Humidity: 20 to 95% RH
Temp Coefficient: $< 0.05\%/^\circ\text{C}$

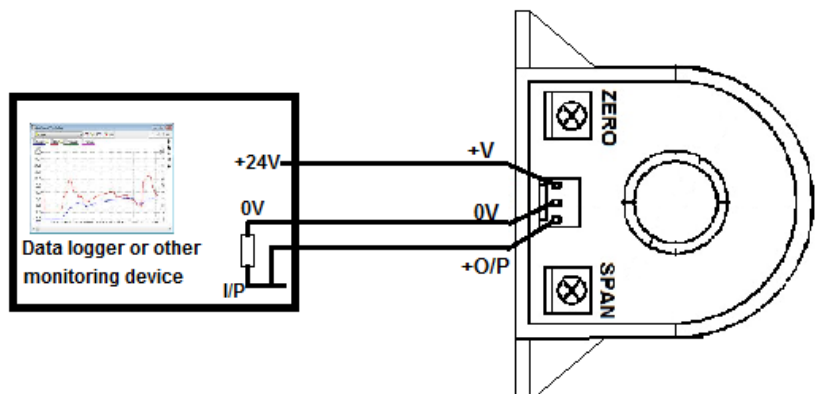
MOUNTING

Mounting: Surface
Weight $< 70\text{g}$
Installation: CAT II



WIRING

Molex 3 way Connector



DIMENSION (mm)

