

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 (DC)

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 (for Uni & Bidirectional Input range examples)

I/P = -200mA 0mA $+200\text{mA}$

O/P = 4mA 12mA 20mA

I/P = 0mA $+100\text{mA}$ $+200\text{mA}$

Output Load: 50 to 450R ohms

SUPPLY

24Vdc $\pm 20\%$

PERFORMANCE

Linearity: $< \pm 0.2\%$

Accuracy: $< \pm 1\%$

Consumption: 30mA + I 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 $+55^\circ\text{C}$

Relative Humidity: 20 to 95% RH

Temp Coefficient: $< 0.05\%/^\circ\text{C}$

MOUNTING

Mounting: Surface

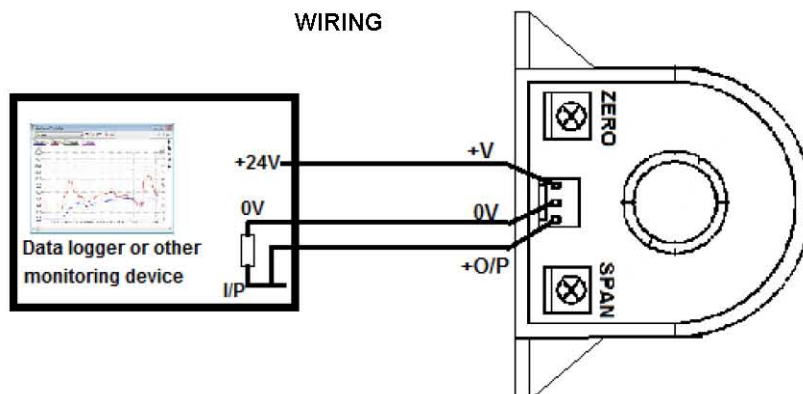
Weight $< 70\text{g}$

Installation: CAT II



Molex 3 way Connector

WIRING



DIMENSIONS (mm)

