ASC-X-200 DC Current Transducer, with 1metre length side integrated cable

- Split core CT for easy non-intrusive Installation
- Loop powered, reducing wiring
- SIL 2 rated (IEC61508) as 1oo1 architecture (HFT:0)
- 3 year warranty as standard
- CE compliant
- Connect directly to PLC, Logger or Trip-Transmitter

APPLICATIONS
- Motor / Heating element current monitoring.
- High Current signal conditioning (directly to 4-20mA)

TECHNICAL SPECIFICATION

INPUT Range

0-200A DC (*Ø40.5mm aperture*)

(MAX 40mm Cable diameter)

OUTPUT Range
4 – 20mA DC Sinking current. 20mA max
Output Load: 450R ohms max @ 24Vdc supply.

Loop voltage: 24Vdc ± 5% (from external device)

(Other ranges up to 2000A are available in this Series)

PERFORMANCE
Linearity: < ±1%
Accuracy: < ±1%
Consumption: 35mA + I out
Freq Bandwidth: DC to 20kHz

CONTROLS
15 turn potentiometers for output calibration.

Zero: +/- 10%
Span: +/- 10%

PROTECTION
Isolation 5000V RMS. Input / Output / Case
Input over range up to 200% continuous.
Enclosure: ABS (UL 94V-0) / Encapsulation

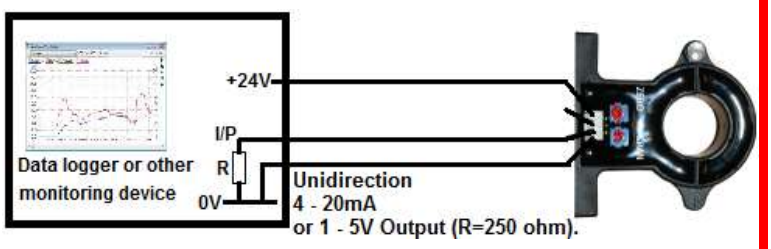
ENVIRONMENTAL CONDITIONS
Storage temperature: -40 to +100℃
Operating Ambient: -25 to +85℃
Relative Humidity: 5 to 95% RH (Non-condensing)
Temp Coefficient: <0.03%/℃
IP Rating: IP60

MOUNTING
Mounting: Surface
Weight: 320g
Installation: CAT II

Additional options: IP65 sealing available on request
(with side integrated cable)

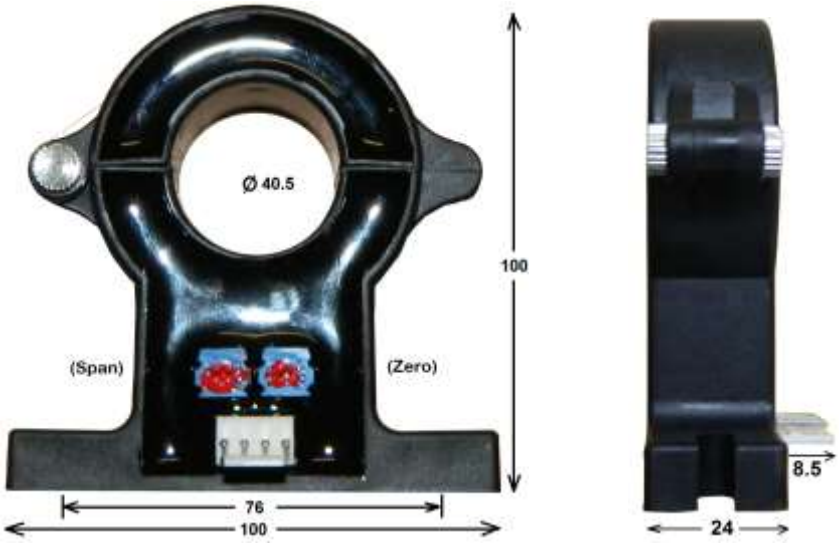
WIRING

1 Metre Multi core sleeved cable



ASC-X Series DC Transducer

DIMENSIONS (mm)



INSTALLATION

To avoid damage to the case, input cable should be formed to shape and supported.

1. Remove screw to release split-core

2. Place the cable

3. Screw the split-core back into closed position

4. Finish

SAFETY NOTE:

Although the voltage(s) directly connected to this instrument and its internal voltages are low, the cable running through the split core may carry dangerous high voltage. For this reason, this product should be installed by a competent person. If the unit fails to operate correctly, then first check if the wiring is correct. The unit should not be taken apart to gain access to internal circuitry for any reason whilst it has live cable through the split core.