

ADM232X-3 Process Signal Trip Transmitter

- Suitable for SIL 1, SIL 2 & SIL 3 rated (IEC61508)
- safety system loop applications
- Supply voltage options: 115Vac $\pm 20\%$
240Vac $\pm 20\%$
24Vdc $\pm 10\%$
48Vdc $\pm 10\%$
- RFI Protection to IEC61000-4-3:2006/A2:2010 available ('K' option)
- Digital Display available ('DI' option)
- 24Vdc @22mA Input loop Excitation available ('M' option)
- AMELEC Standard 10 year warranty

Technical Specifications

Input

Any current or voltage drive that can be terminated in a PI network to produce a 400mV span.

Typical examples; 0-1mA, 0-10mA, 4-20mA, 0-5V, 0-10V, 0-100V

Analogue Output

Any standard process current or voltage signal,
Current source up to 20mA. Drive voltage 11Vdc

Voltage source up to 10V. Max current 20mA

Typical examples: 4-20mA (max load 550 Ω), 0-10Vdc (min load 500 Ω)

Trip Output

Single High or Low Trip set point, with 3 x sets of N.O (or N.C) relay contacts, each rated at 250VAC, 2A, 100VA (resistive)

Relay Status indicator: Red LED ON Energised, Extinguish on Trip

Isolation

1000V RMS* Input/Output/Contacts-Contacts/Supply/Earth

*(500Vdc if RFI option 'K' is specified)

Performance

Accuracy/Linearity: $< \pm 0.1\%$

Input open circuit response: Downscale drive as std
(Upscale drive response available)

Relays fail safe: De-energise on Trip and loss of power as standard

Environmental Conditions

Storage Temperature: -40 to 70°C

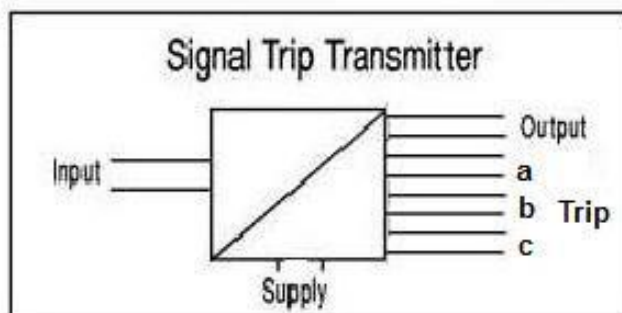
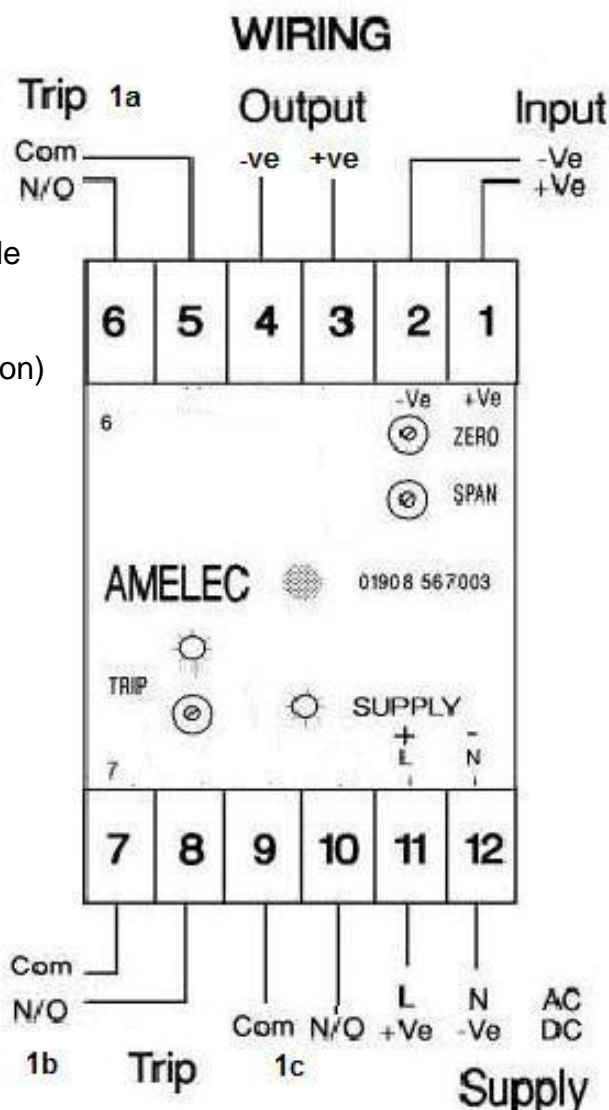
Operating Ambient: -15 to 55°C

Relative Humidity: 5 – 95% RH

Dimensions

50w x 75h x 110d (mm)

(DI option = 145d mm, K option = 182d mm)



Mounting

Either Din Rail (TS35) **or**
Surface by corner fixing holes

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