

ADM230X 3-Wire Process Signal Transmitter

- Suitable for SIL 1 & SIL 2 rated (IEC61508) safety system loop applications
- Supply voltages: 10-28Vdc
- RFI Protection to IEC61000-4-3:2006/A2:2010 available ('K' 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 Input

Current: 4-20mA (impedance 20Ω)
Voltage: 0-10Vdc (impedance 1MΩ)

Output

4-20mA three-wire Loop Powered
Nom 12V or 24Vdc supply

Isolation

1000V RMS Input/(Output + Supply)

Accuracy/Linearity

Linearity: $\pm 0.1\%$ Span
Accuracy: $\pm 0.1\%$ Span

Environmental Conditions

Storage Temperature: -40 to 70°C
Operating Ambient: -15 to 55°C
Relative Humidity: 5 – 95% RH

Options

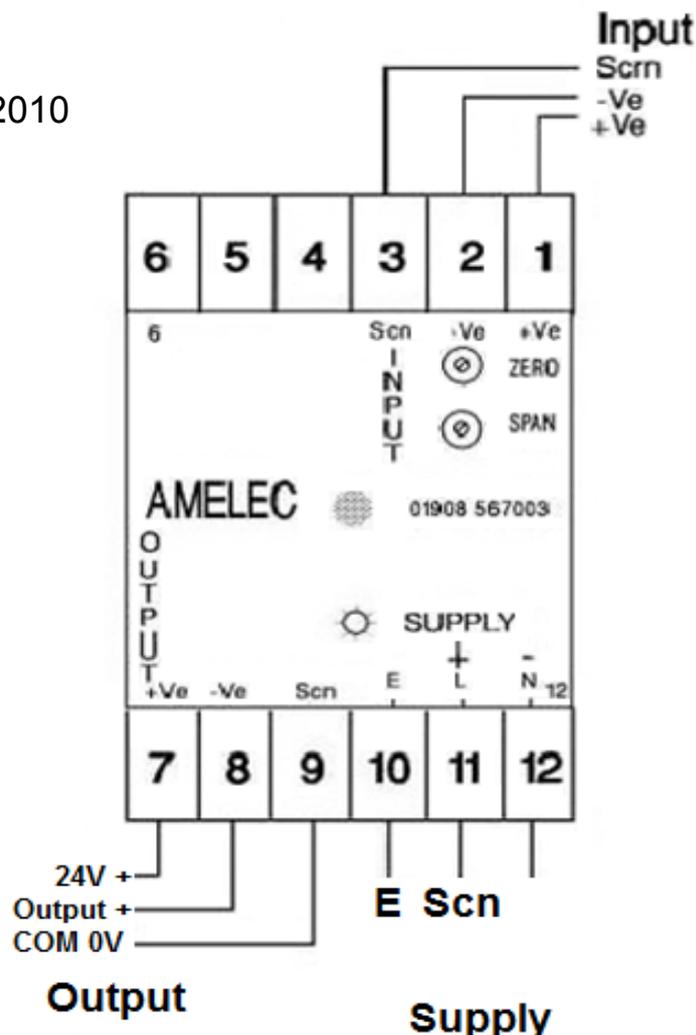
J = An input jack for injecting an external signal into the input without disturbing the original process loop.

K = RF Immunity: 20MHz-3GHz/5.25GHz 10V/m,
80MHz-1GHz/5.6GHz 30V/m
(889MHz-1.75GHz 40V/m)

Dimensions

50w x 75h x 110d (mm)

WIRING



Mounting

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