

ADM230X-4 Multi Channel Signal Isolator

- Suitable for SIL 1, 2 & 3 (IEC61508) applications
- Suitable for any process input & output signals
- Supply voltage: 24Vdc or 48Vdc ($\pm 10\%$)
- AMELEC Standard 10 year warranty

Technical Specifications

Input

4 x input channels, any current or voltage drives that can be terminated in a PI network to produce a 400mV span.

Output

4 x Output channels, 1 repeat signal per input channel.
Any standard process current or voltage signals,
Current source up to 20mA @12V
Voltage source up to 10V @20mA max.

Isolation

1000V RMS. Input-Inputs/Outputs-Outputs/Supply

Dimensions

152w x 81h x 137d (mm)

Environmental Conditions

Storage Temperature: -40 to +70°C
Operating Ambient: -15 to +55°C
Relative Humidity: 5 – 95% RH (Non condensing)
EMC: 2014/30/EU, EN 61326-1:2013 (Controlled EM)

Input Load / Output Drive (per channel)

Typical Inputs

Current 4-20mA (20 Ω impedance)
Voltage 1-5Vdc, 0-10Vdc (1M Ω impedance)

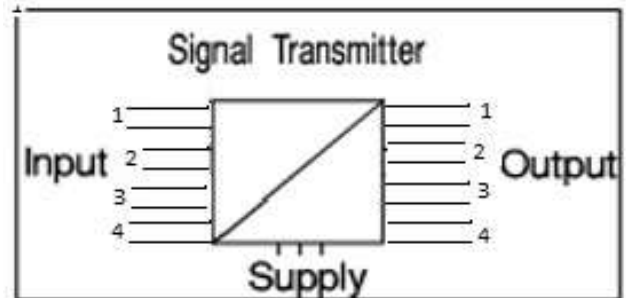
Typical Outputs

Current 4-20mA (max load 550 Ω)
Voltage 1-5Vdc (min load 250 Ω), 0-10V (min 500 Ω)

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

Note

In addition to having multi-channel devices, it is possible to incorporate a trip function within this enclosure if required.



Tel: 01908-567003 Email: sales@amelec-uk.com Visit: www.amelec-uk.com Fax: 01908-566735

AMELEC Instruments, Cochran Close, Crownhill, Milton Keynes, MK8 0AJ