

## ADM235 - 4 Multi – Output Isolator

- Suitable for SIL 1, 2 & 3 applications
- Suitable for any process input & output
- Supply voltage: 24Vdc  $\pm$ 2.5V only
- AMELEC Standard 10 year warranty

### Environmental Conditions

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

### Technical Specifications

#### Input

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

#### Output

Up to 4 Outputs available  
 Any standard process current or voltage  
 Current source up to 20mA @12V  
 Voltage source up to 10V @20mA max

#### Isolation

1000V RMS. Input(s)/Output(s)/Supply  
 Linearity  $<\pm$ 0.1%

#### Dimensions

152w x 81h x 137d (mm)

### Input Load / Output Drive

#### Typical Input

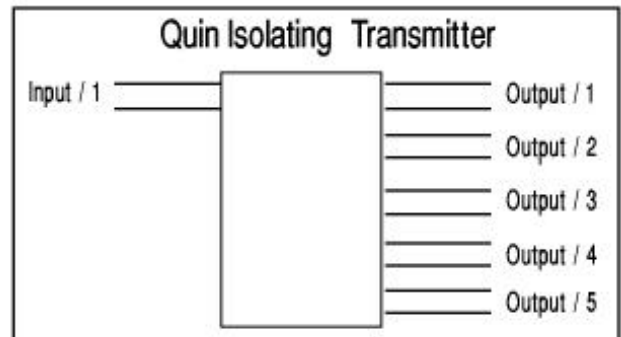
Current 4-20mA 20 $\Omega$   
 Voltage 1-5Vdc 1M $\Omega$

#### Typical Output

Current 4-20mA max load 500 $\Omega$   
 Voltage 1-5Vdc min load 250 $\Omega$

#### Note

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



Tel: 01908-567003    Email: [sales@amelec-uk.com](mailto:sales@amelec-uk.com)    Visit: [www.amelec-uk.com](http://www.amelec-uk.com)    Fax: 01908-566735

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