

## ADM231H 4-20mA Signal Splitter / Isolator

- Suitable for SIL 1 & SIL 2 rated (IEC61508) safety system loop applications, as 1oo1 architecture (HFT:0)
- Supply voltage options: 24Vdc  $\pm 10\%$ , 48Vdc  $\pm 10\%$ , 110Vdc  $\pm 10\%$ , 115Vac  $\pm 20\%$  or 230Vac  $\pm 20\%$
- RFI Protection to IEC61000-4-3:2006/A2:2010 available, 'K' option.
- AMELEC Standard 10 year warranty

### Technical Specifications

#### Input

4-20mA HART signal

#### Output 1

This is a bidirectional HART compatible in sink and source configuration. Nominal output range is 4-20mA. Other ranges available on request.

#### Output 2

Non-HART process output as Standard, normally 4-20mA although Other ranges are available on request.

May also be requested as a second bidirectional Hart compatible channel if required, 'H2' option.

#### Performance

Isolation: 1000V RMS Input/Output1/Output2/Supply/Earth  
Accuracy/Linearity:  $< \pm 0.1\%$  span

#### 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 ('K' option enclosure = 182d mm)

