

AEC231H2 HART/Process Signal Isolator/Splitter

- Suitable for combinations of Process Inputs & Outputs
- True universal AC/DC supply voltage 21V through 265V AC/DC

Technical Specifications

<u>Input</u>

The standard input signal is 4-20mA, other ranges are available on request. Signals are routed into a pi network to develop a 1V span.

Outputs

Both outputs are HART compatible as standard.

The standard output signal is 4-20mA, other ranges are available on request.

The current source can be up to 22mA @11Vdc

The output current is configured as source port as standard but on request can be configured as sink port for up to 22mA @ 30V max.

Supply

Burden on supply 3W

Isolation

1000Vdc RMS Input/Output1/Output2/Supply

Environmental Conditions

Storage Temperature: -20°C to +70°C Operating Ambient: 0°C to +55°C Relative Humidity: 5% to 95% RH

Dimensions

H: 75mm W:22.5mm D:105mm

-Ve Output 2 Output 1 AMELEC O SPAN → ZERO → SPAN → ZERO AEC231AC/DC Supply -Ve N Input +Ve L Vdc Vac POWER SUPPLY OUTPUT-1 INPUT

AEC231H2

OUTPUT-2

WIRING

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