

ADM240X I/V DC Signal Generator

 Suitable for SIL 1 & SIL 2 rated safety system loop applications (IEC61508), as 1001 architecture (HFT:0)

Supply voltage options: 115Vac ±20%

230Vac ±20% 24Vdc ±10% 48Vdc ±10%

 RFI Protection to IEC61000-4-3:2006/A2:2010 available ('K' option)

• AMELEC Standard 10 year warranty

WIRING

Technical Specifications

<u>Output</u>

DC current or voltage specified in the range of:

Current up to 100mA max in Sink configuration (externally powered)

Current up 22mA max in Source configuration (Internally powered)

Voltage from 0.4 to 20V max @ up to 5mA per output. Typical output: 4-20mA (Source port,1200 Ω load max)

Output signal level adjustment by fifteen-turn blindset Span potentiometer through unit front fascia as standard. (Ten-turn Calibrated Dial option 'C' also available)

Isolation

1000V RMS* Output/Supply/Earth *(500Vdc if RFI option 'K' is specified)

<u>Performance</u>

Accuracy/Linearity: < ±0.1%

Response time: Typically < 200mS Supply regulation: AC \pm 20%, DC \pm 10%

Supply consumption: < 3VA

Environmental Conditions

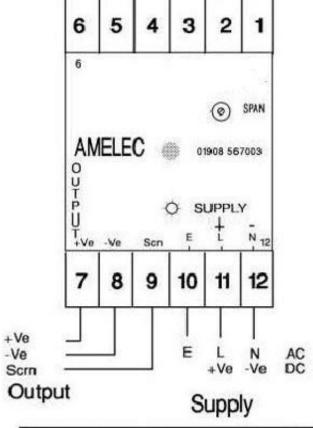
Storage Temperature: -40 to 70°C
Operating Ambient: -15 to 55°C
Relative Humidity: 5 – 95% RH

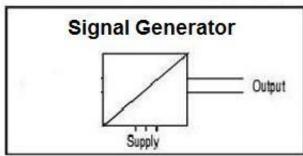
Dimensions/Mounting

Enclosure: 50w x 75h x 110d mm

Mounting: Either Din Rail (TS35) or Surface by corner

fixing holes as standard





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