

ADM213X mV Isolator

- Supply voltage: 24Vdc / 115Vac / 230Vac
- Amelec standard 10 year guarantee
- Suitable for SIL Level 1, 2, & 3 (IEC 61508-2)

APPLICATION

- mV Repeat / Splitter
- Signal Isolator / Booster / Noise filter
- Signal converter to resolve incompatibility.

TECHNICAL SPECIFICATION

INPUT

mV signal from any other source, such as shunts. Input span 4mV>.

OUTPUT

Isolated mV repeat of input signal.

CONTROLS

Zero / Span (+/- 20%): 15 turn potentiometers for output calibration.

INDICATOR

Power ON: LED, Amber.

PERFORMANCE

Response time: Typically < 400mS
Accuracy: < ±0.2%

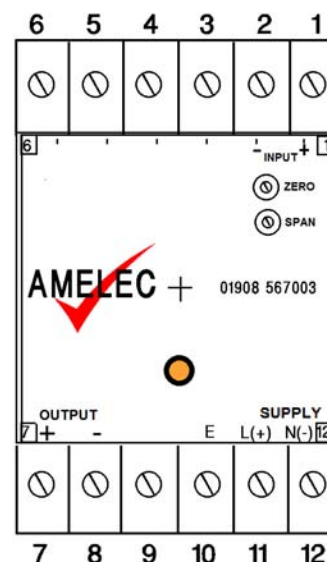
PROTECTION

Isolation 1000V RMS.
Input + Output1/Output 2/Supply/Earth
Internal Fuse.
Input over range up to typically 300%.

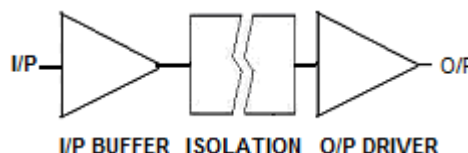
TERMINATION

Input +	1
Input -	2
	3
	4
	5
	6
OUTPUT +	7
OUTPUT -	8
	9
Earth	10
Live / +	11
Neutral / -	12

FRONT VIEW



FUNCTION BLOCK DIAGRAM



ENVIROMENTAL CONDITION

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

MOUNTING / DIMENSION

Enclosure: 50w x 75h x 110d
Mounting: Din rail / Surface (optional Panel Mount)
Weight < 200g

ADD ON / OPTIONS

DI: LCD display for local monitoring
J : Input injection jack socket
P: Test point
K: Higher level of RFI protection (Up to 10V/mtr)
Non standard Power supply ranges available