

ADM233MVX-3 Process Trip Transmitter

- Suitable for SIL 1 & SIL 2 rated (IEC61508) safety system loop applications, as 1oo1 architecture, (HFT:0)
- Supply voltage options: 115Vac $\pm 20\%$
230Vac $\pm 20\%$
24Vdc $\pm 10\%$
48Vdc $\pm 10\%$
- AMELEC Standard 10 year warranty

Performance

Trip settability:	$\pm 1\%$
Trip repeatability:	$\pm 0.1\%$
Response time:	<100ms

Environmental Conditions

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

Technical Specifications

Input

4-20mA (impedance 20 ohms)
(24Vdc @ 22mA two-wire input loop Excitation)

Trip Relay Outputs

Each trip output is a set of changeover contacts, rated 250VAC, 2A, 100VA (resistive).
Each relay De-energises on Trip, Red LED relay status indicator extinguishes.

Analogue Output

4-20mA (max load 550 ohms)

Operation

Trip 1 High, adjustable set point with fixed 1% hysteresis
Trip 2 Low, adjustable set point with fixed 1% hysteresis
Trip 3 High, adjustable set point & 1-20% variable hysteresis

Input Open Circuit Response

Upscale Drive/ (High Trip 1 & 3 relays De-energise)

Fail Safe

Relays De-energise on Trip & Loss of Power supply

Isolation

1000V RMS Input/Output/Contacts-Contacts/Supply

Mounting

Din Rail (TS35)

Dimensions

152w x 81h x 137d mm

