

# **ADM233MVX-3 Process Trip Transmitter**

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

Supply voltage options: 115Vac ±20%

230Vac ±20% 24Vdc ±10% 48Vdc ±10%

AMELEC Standard 10 year warranty

# **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

## **Performance**

Trip settability: ±1%
Trip repeatability: ±0.1%
Response time: <100mS

# **Environmental Conditions**

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

#### Isolation

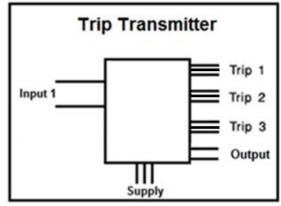
1000V RMS Input/Output/Contacts-Contacts/Supply

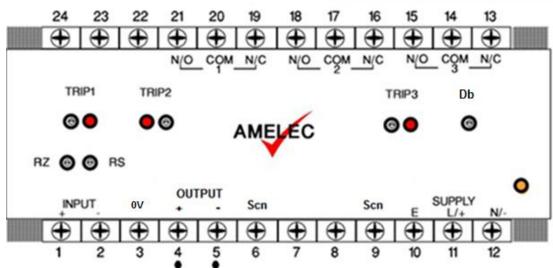
# **Mounting**

Din Rail (TS35)

#### Dimensions

152w x 81h x 137d mm





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