

AGS1119-P Two out of Three Trip Amplifier

- Suitable for SIL 1 & 2 safety loop applications (1oo1 architecture)
- Suitable for any Process Type inputs
- Supply Voltages 12Vdc +/- 10%
 24Vdc +/- 10%
 48Vdc +/- 10%
 115 / 230Vac +/- 20%
- Amelec Standard 10 year guarantee

Performance

Trip settability :- $\pm 0.2\%$
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

Isolation

1000VDC
Input(S)/Contacts/Supply/Earth

Dimension

152W x 137D x 81H

Input

Any process Voltage or Current Input
Typical input: 4 – 20mA
Input O/C drive Downscale Standard
(Upscale drive option available)

Outputs

Common Trip output is a 2 x changeover contacts.
Channel 1,2,3 trip output is N.O contacts.
Relays Contacts rated at 110VAC, 1A, 100VA (resistive)

Trip Function

Set points set by fifteen turn blindset potentiometers, each channel independently adjustable over the full input range.

Three green LED's, one for each input, identified as ALARM 1,2 & 3. LED's to extinguish on TRIP to show which input has caused the alarm. One red LED identified as COMMON to extinguish on any two or more inputs going into alarm. One common relay to de-energise on TRIP (Fail safe) giving two changeover contacts

Wiring

