

## AGS1119-PL Two out of Three Trip Amplifier

- ★ Suitable for SIL 1,2,3 applications
- ★ Suitable for any Process input
- ★ Supply Voltages 10 to 35Vdc  
115/230Vac +/- 20%
- ★ Conforms to CE requirements
- ★ Amelec Standard 10 year guarantee

### Performance

Trip settability:-	±0.2%
Trip repeatability:-	±0.1%
Response time	<400ms

### 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 up for high trips & down for low trips.

### Outputs

Common Trip output is a 2 x changeover (Relay 1)

Alarm output is a 1 x changeover (Relay 2)  
contacts, rated at 110VAC, 1A, 100VA(resistive)

### Trip Function

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

Three green leds, one for each input, identified as ALARM 1, 2 & 3. Led's to extinguish on alarm to show which input has caused the alarm and Relay 2 to de-energise.

One red led identified as TRIP to extinguish on any two or more inputs going into alarm and latch into trip Relay 1 to de-energise on TRIP (Fail safe) giving two changeover contacts

Trip can be reset by volt free contact closure on TB17 & 18.

### Wiring

