

ADG311X-2 Process Signal Splitter / Isolator

- Suitable for use in SIL1 & SIL2 rated (EN 61508-2) Safety Instrumented System (SIS) Loop applications, as 1oo1 architecture (HFT:0)
- Non-Smart / Non-uProcessor based, Type A instruments
- Ultra slim Compact Design, up to 30 units along 12" length of Din Rail
- 6 Year Warranty
- Universal DIN Rail Mounting, suitable for TS35 Top-Hat & TS32 G-Rails

Technical Specification

Input Options (Impedance)

| | |
|-------------------------|---------------|
| 0 to $\pm 10\text{Vdc}$ | 100k Ω |
| 4 – 20mA | 500 Ω |

Dual Output Options (Drive)

| | |
|-------------------------|------|
| 0 to $\pm 10\text{Vdc}$ | 10mA |
| 2 to 10Vdc | 10mA |

Supply

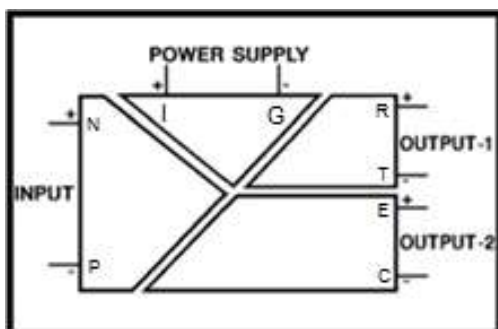
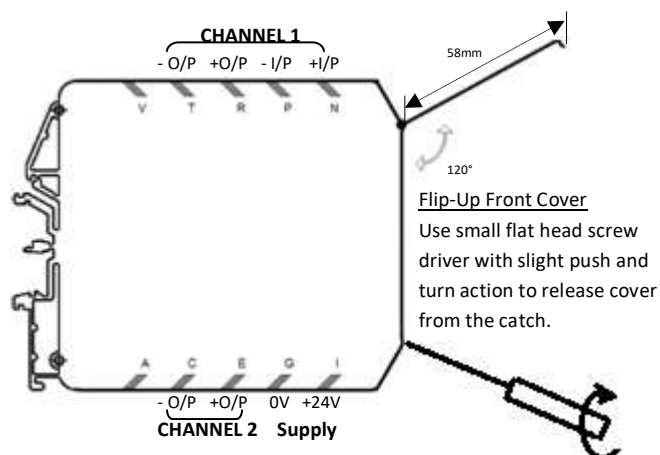
24Vdc $\pm 10\%$
(Red LED Power ON indicator)

General Specification

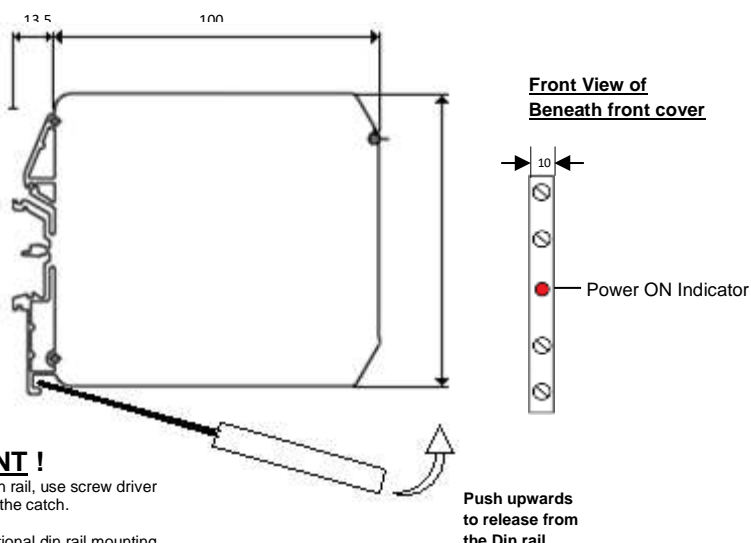
| | |
|------------------------|--|
| Isolation: | 1000V RMS Input/Output1/Output2/Supply |
| Linearity: | $\leq \pm 0.02\%$ of full scale |
| Accuracy: | $\leq \pm 0.02\%$ of full scale |
| Freq Response: | Up to 2kHz |
| Response Time: | $< 0.5\text{ms}$ |
| Vibration: | 1g at 15Hz to 150Hz |
| Low Power Consumption: | 1.5Watts |
| IP Rating: | IP20 |
| Weight: | 75g |

Environmental Conditions

Operating Ambient: -5 to $+55^\circ\text{C}$
Relative Humidity: 5 to 95% RH (Non-Condensing)
EMC: 2014/30/EU , EN 61326-1:2013 (Controlled EM)



Overall Dimensions: 10w x 90h x 113.5d mm:



! IMPORTANT !

To dismount from Din rail, use screw driver as shown to release the catch.

(Please refer to additional din rail mounting instruction sheet for further guidance, available on request if needed)

Tel: 01908-567003 Email: sales@amelec-uk.com Visit: www.amelec-uk.com Fax: 01908-566735

AMELEC Instruments, Cochran Close, Crownhill, Milton Keynes, MK8 0AJ