

ADG240-GRA NTC Thermistor Signal Conditioner / Isolator

- uProcessor based, Type B instrument
- NTC Temperature Sensor input, non-linear High Resistance signal ranges
- Isolated & Linearised Output signal to PLC, Datalogger or other Device
- 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

Any NTC Thermistor type may be specified, together with the temperature measurement range to suit customer application.

Isolated Output

0-10Vdc (@10mA) Min load 1K Ω

Supply

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

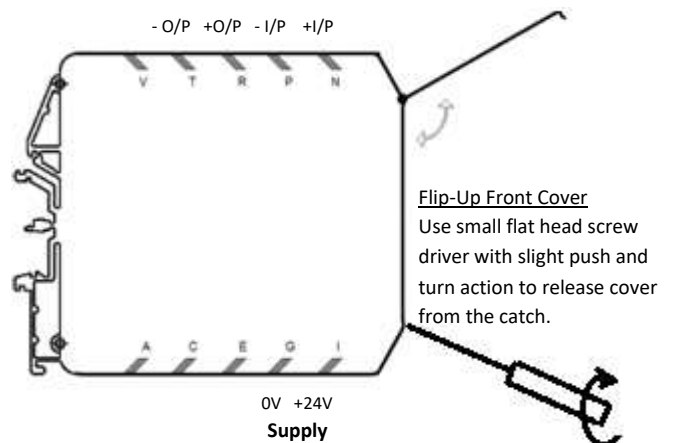
General Specification

Isolation: 1000V RMS Input/ Output/ Supply
Accuracy: $< \pm 0.2\%$ span
Response Time: $< 200\text{ms}$ (0-100% step)
Vibration: 1g at 15Hz to 150Hz
Low Power Consumption: 1.5Watts
IP Rating: IP20
Weight: 75g

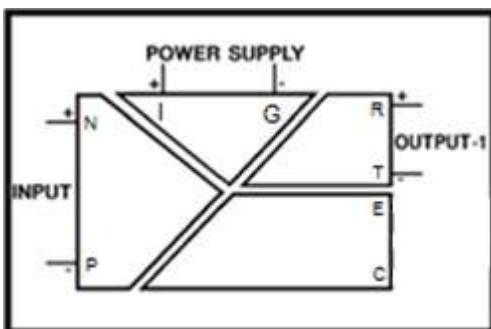
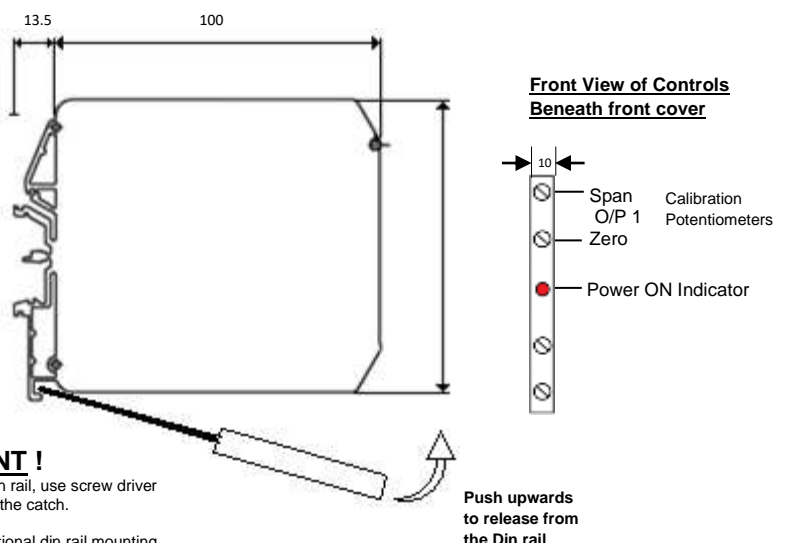
Environmental Conditions

Operating Ambient: -15 to +55°C
Relative Humidity: 5 to 95% RH (Non-Condensing)
EMC: 2014/30/EU, EN 61326-1:2013 (Controlled EM)
RoHS: 2011/65/EU

(Dummy units available if planning for future expansion)



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)

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