

ADT131DIX Process Trip Amplifier with Display

- Suitable for SIL 1, 2 & 3 applications
- Suitable for process input
- Supply voltages: 115Vac ±20%

240Vac ±20% 24Vdc ±2.5V 48Vdc ±5V

- RFI Protection to IEC61000-4-3 available
- AMELEC Standard 10 year warranty

Technical Specifications

Input

Any current of voltage drive that can be terminated in a PI network to produce a 400mV span

Outputs

S.P.C.O. contacts 250Vac 2A 100VA resistive. In a typical high trip application, the trip will change state when the input exceeds the level set on the external $5K\Omega$ potentiometer and return to normal when it falls 1% below it.

Display of the I/P signal on a 3½ digit LCD. Front facia read buttons show the trip set point. Calibration Range: -1999 to +1999

Isolation

1000V RMS Input/Output(s)/Supply/Earth Open circuit response supplied as Upscale (but can be changed to Downscale on site).

Performance

Trip settability: ±1% *
Trip repeatability: ±0.1% *
Response time: <400mS

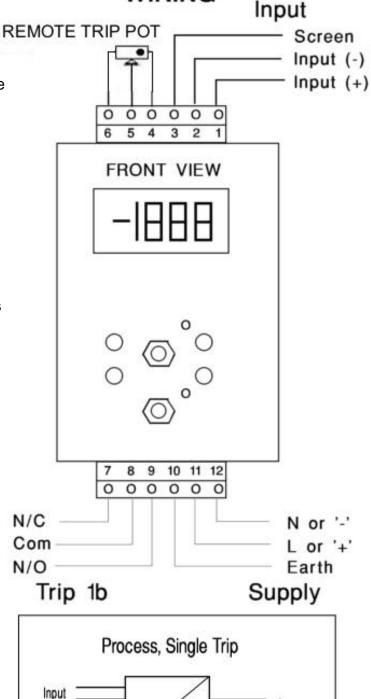
* (may be affected by the external potentiometer)

Environmental Conditions

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

Dimensions

50w x 75h x 137d (mm)



Output

WIRING

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

Trip

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