

Features

- Single Input, Dual Output
- Signal Conversion with Isolation
- Universal Input
- Reliable & Cost Effective System
- 24 V DC Operated
- Compact Size & Easy Maintenance
- Din Rail Mount
- Potential free relay outputs 2 Nos.



Description

Electronet series TX-100 are Trip Amplifiers with single input, dual trip output specially used for various industrial applications. It can interface inputs like Current or Voltage & provide isolated output in terms of Current or Voltage. The compact design saves inner space required in panel to mount the instrument.

Technical Specifications

Performance Characteristics	
No. of Input	01 No.
No. of Output	02 Nos.
Type of Input	Universal
	1) RTD (PT-100 / PT-200 / CU-53) 2 or 3 Wire
	2) Thermocouple (J / K / R / S / T / E / B Type Thermocouple)
	3) Current (0-20 mA / 4-20 mA)
	4) Voltage (0-5 V DC / 0-10 V DC/1-5V DC)
Type of Output	4-20 mA / 0-5 V, Isolated
Trip Output	Potential free Relay Contacts (1 c/o, 1 Amp.)
Display	4 X 1 Digit, 0.3", 7 Segment Red LED
Isolation	1.5 KV between Input, Output & Power Supply
Power Supply	24 V DC, External
Accuracy	Better than $\pm 0.25\%$ of F. S.
Power Consumption	< 15 VA
Response Time	< 100 mSec
Temperature Coefficient	$\pm 0.01\%$ per $^{\circ}\text{C}$
Enclosure	ABS, Plastic
Dimensions	75mm(H) X 55mm(W) X 110mm(D)
Mounting	Din Rail Type
Weight	500 gms
Operating Conditions	Temperature -20 to 55 $^{\circ}\text{C}$ / Humidity 5 to 95% non condensing
Temperature Drift	0.01% of F. S. / $^{\circ}\text{C}$
Range	programmable for mA and voltage(-999 to 9999) & Fixed for RTD & thermocouple input.
OPTIONAL	
Retransmission Output	4-20 mA / 0-5 V, Isolated
Communication Port	RS 485 supporting MODBUS RTU Protocol

Note : This product is meant for laboratory/Process application only and not for custody transfer application.