



SALIENT FEATURES

- Single input, four output.
- Signal conversion with isolation.
- User friendly calibration.
- 1.4 KV isolation.
- Compact size & easy maintenance.
- DIN rail mounting.

DESCRIPTION

Electronet's series TX-40 are signal converter isolators specially designed for various industrial applications. These modules are used to interface all types of analog signals like RTD, Thermocouple, mV, mA, higher voltages, current & digital signals. These isolators can isolate, amplify and convert input signal to high level analog signal & various current rating digital signal into multiple stages upto 4 channels.



TECHNICAL SPECIFICATIONS

Number of Inputs	: 01 No.
Input	: 1) RTD, Pt 100 2) Thermocouple (J, K, R, S, T, B, E) 3) 4 to 20 mA DC / 0 to 20 mA DC 4) 0 to 5 V DC / 1 to 5 V DC / 0 to 10 V DC
Number of Outputs	: 04 Nos maximum.
Output	: 1) 4 to 20 mA DC / 0 to 20 mA DC 2) 0 to 5 V DC / 1 to 5 V DC / 0 to 10 V DC 3) Frequency (0 to 10 KHz)
Range	: As per requirement - Factory Calibrated
Isolation	: 1.4 KV Between Input, Output & Power Supply
Accuracy	: Better than $\pm 0.1\%$ F. S.
Temperature Drift	: Less than 0.01% of F. S. per $^{\circ}\text{C}$ change
Response Time	: Less than 20 mSec
Power Supply	: 1) 230 V AC, 50 Hz single phase, +/- 10% 2) 24 V DC
Power Consumption	: Less than 6 VA
Enclosure	: ABS Plastic (Piri Box)
Dimensions	: 67.5 mm (W) X 75 mm (H) X 115 mm (D)
Mounting	: DIN Rail type
Weight	: 600 gm. (Approx.)
Operating Temperature	: 0 - 55 $^{\circ}\text{C}$
Humidity	: 10 to 90 % non condensing

