

SALIENT FEATURES

- Loop powered system
- Signal conversion with isolation.
- User friendly calibration.
- 1.4 KV isolation.
- Compact size & easy maintenance.
- DIN rail mounting.

DESCRIPTION

Electronet's series TX - 00 are Loop Powered Signal Converter Isolators specially designed for various industrial applications. It can interface all types of inputs like RTD, Thermocouple, Frequency & provide the output as 0 - 20 mA DC / 4 - 20 mA DC . Isolated. The compact design gives elegant aesthetics and also saves inner space required to in panel to mount the instrument.



TECHNICAL SPECIFICATIONS

Number of Inputs	: 01 No.
Input	: 1) RTD, Pt 100, Pt 200, Pt 1000 2) Thermocouple (J, K, R, S, T, B, E) 3) 0 to 5 V DC / 1 to 5 V DC / 1 to 10 V DC 4) Frequency (0 - 10 KHz)
Number of Outputs	: 01 No.
Output	: 4 to 20 mA DC, Isolated
Range	: As per Requirement - Factory calibrated
Isolation	: 1.4 KV between Input & Output
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	: 24 VDC Loop powered.
Enclosure	: ABS Plastic
Dimensions	: 20 mm (W) X 75 mm (H) X 110 mm (D) max.
Mounting	: DIN Rail type
Weight	: 250 Gram (Approx.)
Operating Temperature	: 0 - 55 $^{\circ}\text{C}$
Relative Humidity	: 10 to 90 % non condensing

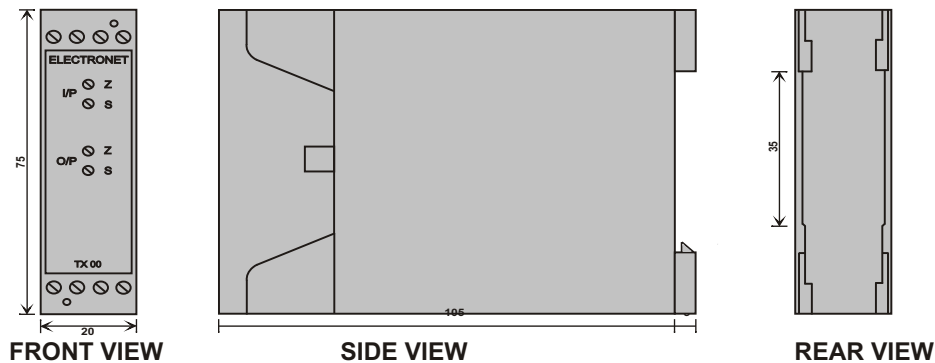
CODIFICATION FOR TX 00

CODE	INPUT
01	: RTD, PT 100, PT 200, PT 1000 (RANGE PL. SPECIFY)
02	: THERMOCOUPLE (TYPE & RANGE PL. SPECIFY)
03	: VOLTAGE (RANGE PL. SPECIFY)
04	: FREQUENCY (RANGE PL. SPECIFY)
05	: CURRENT (RANGE PL. SPECIFY)

TX 00 02

SAMPLE MODEL NUMBER

MOUNTING DETAILS



Due to our continuous product revisions, Design, Specifications and Model Numbers are subject to change without notice.

MANUFACTURED & MARKETED BY

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