



TX-10

SINGLE INPUT SINGLE OUTPUT SIGNAL ISOLATOR

Features

- Single Input, Single Output
- Signal Conversion with Isolation
- Dedicated Input
- Accuracy @ 0.25% F. S.
- 24 V DC / 230 V AC Operated
- Compact Size & Easy Maintenance
- Din Rail Mount
- Reliable & Cost Effective System



Description

Electronet series TX-10 are Signal Isolators with single input, single output specially used for various industrial applications. It can interface inputs like Current, 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

No. of Input	01 No.
No. of Output	01 No.
Type of Input	Dedicated 1) Current (4-20 mA / 0-20 mA) 2) Voltage (0-5 V / 1-5 V)
Type of Output	Dedicated 1) Isolated mA (4-20 mA) 2) Isolated Volt (0-5 V DC)
Accuracy	+/- 0.25% F. S.
Isolation	1.4 KV between Input, Output & Power Supply
Power Supply	1) 24 V DC 2) 230 V AC, 50 Hz
Power Consumption	< 4 VA
Response Time	< 500 mSec
Temperature Coefficient	+/- 0.01% per °C
Enclosure	ABS Plastic
Dimensions	75 mm (H) x 55 mm (W) x 110 mm (D)
Mounting	Din Rail Type
Weight	0.5 Kg
Operating Conditions	Temperature -20 to 55 °C / Humidity 5 to 95% non condensing

Ordering Information

43 49 60

Parameter	Code	Value	Parameter	Code	Value		
43	Input	43F	4 to 20mA	49	Output	49A	4 to 20mA
		43G	0 to 5V / 1 to 5V			49F	0 to 5V
		43M	Current	60	Input Power Supply	60A	90 to 250V AC
		43N	Voltage			60B	24V DC
		43X	Other				

Note :

- Due to our continuous product revisions, design specification and model numbers are subject to change without notice.
- Accuracy defined at Lab Conditions.
- For other requirement please consult factory.

Applications

Food Industry	Chemical Industry	Atomic Energy	Manufacturing Industry
Automation Industry	Thermal Power Energy	Process Industry	Water Treatment Industry

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