

# TX - 20

## SINGLE INPUT DUAL OUTPUT SIGNAL ISOLATOR

### Features

- Single Input, Dual 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

**E**lectronet series TX-20 are Signal Isolators with single input, dual 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	02 Nos.
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

Sample Order Code : 43N-50C-51D-60A

Parameter	Code	Value	Parameter	Code	Value		
43	Input	43F	4 to 20mA	50	Output 1	50A	4 to 20mA
		43G	0 to 5V / 1 to 5V			50C	0 to 5V
		43M	Current	51	Output 2	51C	4 to 20mA
		43N	Voltage			51D	0 to 5V
		43X	Other			60	Input Power Supply
		60B	24V DC				

**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

## ELECTRONET EQUIPMENTS PVT. LTD.

## Factory Address:

Plot No. 8, (SEZ) Phase 1, Kesurdi MIDC,  
Khandala, Dist.- Satara  
Pin: 412 801, Maharashtra, India.

## Registered Office:

Plot No. 84, 85, 86, Tiny Industrial Estate,  
Kondhwa Budruk,  
Pune-411 048, Maharashtra, India.



+91-20-26931476/2039



ho@eeplindia.com



+91-20-26934122



www.eeplindia.com