

LOOP POWERED SIGNAL ISOLATOR
Features

- Loop Powered Isolator
- Dedicated Input
- Accuracy @ 0.25% F. S.
- Din Rail Mount
- Reliable & Cost Effective System
- Compact size & Easy Maintenance
- Signal Conversion with Isolation

Description

Electronet series TX-00 are loop powered Isolators with signal conversion specially used for various industrial applications. It can interface all types of inputs like RTD, Thermocouple, Voltage & provide isolated mA output. The compact design gives elegant aesthetic & also 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) RTD (PT-100 / PT-200 / CU-53) 2 or 3 Wire
	2) Thermocouple
	3) Current (0-20 mA / 4-20 mA)
Type of Output	4) Current (4-20 mA, 0-20 mA)
	Isolated 4 to 20 mA DC
Accuracy	1) For R, S & B type Thermocouple, better than $\pm 0.5\%$ of F. S.
	2) For rest inputs, better than $\pm 0.25\%$ of F. S.
Isolation	1.4 KV between Input & Loop
Power Supply	24 V DC Loop Powered
Response Time	< 500 mSec
Temperature Coefficient	$\pm 0.01\%$ per $^{\circ}\text{C}$
Enclosure	ABS, Plastic
Dimensions	75mm(H) X 23mm(W) X 110mm(D)
Mounting	Din Rail Type
Weight	250 gms
Operating Conditions	Temperature -20 to 55 $^{\circ}\text{C}$ / Humidity 5 to 95% non condensing

Ordering Information
Sample Order Code : 43F

Parameter	Code	Value	Code	Value
43 Input	43F	4 to 20mA	43M	Current
	43G	0 to 5V / 1 to 5V	43N	Voltage
	43J	RTD	43X	Other
	43K	Thermocouple		

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.

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