

DIN Rail Analog Signal Isolator

This signal transmitter accurately measures DC analog signals, Pt100 resistance, and potentiometers. It isolates and transmits these signals into a standard analog output for connection to meters, PLCs, and computer systems.



ADDITIONAL IMAGES



Product Overview

High-Performance Signal Isolation

The BM series analog signal isolators are designed to measure both electrical and non-electrical parameters with high accuracy and speed. These devices convert measured values into standard analog outputs, facilitating seamless integration with PLC systems, A/D converters, and digital instruments. Ideal for automation in power, railway, and petrochemical industries, they provide essential protection against ground loops and voltage spikes.

Mounting Type

DIN Rail

Core Performance

Key Performance Metrics

0.15 %

Accuracy

500 ms

Response Time

2 kV

Isolation Voltage

Technical Specifications

Maximum Output Current	24 mA
Temperature Drift	200 ppm
Set Point Adjustment	0-110% of input range

Load & Relay Ratings

Load Resistance Ratings

Voltage Type	Rating
AC 220V	5A
AC 125V	10A
DC 30V	5A

Environmental Conditions

Working Temperature	0 to 70
Storage Temperature	-20 to 85

Application Areas

Target Industries	Power, Railway, Petrochemical, Metallurgical, Food Warehousing, Industrial Automation
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Input/Output Support

Supported Signal Types

- 4-20mA DC
- 0-10V DC
- PT100 RTD
- Voltage/Current Parameters
- Temperature/Resistance