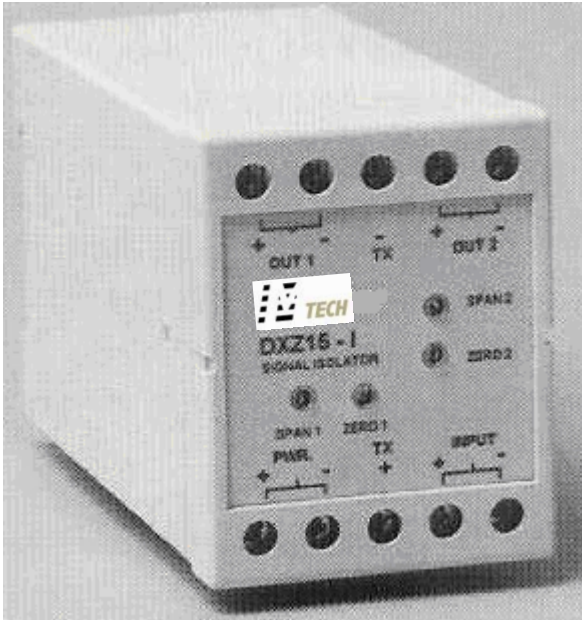


DXZ15-I and DXZ15-II DC Voltage/Current Transmitters Two or Four Independent Outputs



Features:

- **DC Voltage Input, 1 to 5 Vdc**
- **DC Current Input, 4 to 20 mAcd**
- **Internal 24 Vdc Loop Power Supply**
- **Current or Voltage Outputs**
- **Input-Output, Output-Output Isolation**
- **Current Loop Isolator Applications**
- **Signal Repeater Applications**
- **High Density DIN Rail Installation**

The mTech Models DXZ15-I and DXZ15-II, DC Voltage/Current Isolated Transmitters are designed using highly stable, state of the art electronics to accept one DC process signal and provide two or four fully isolated current and/or voltage output signals. The DXZ15-I has two independent outputs and Model DXZ15-II provides four independent outputs. The DXZ15 Series is ideally suited to convert a single process signal to two or four signals to be connected to dissimilar instruments requiring different inputs such as 4-20 mAcd and 1-5 Vdc with the outputs being linear and proportional to the primary signal. The outputs are independent and isolated from the other. Each output has its own independent zero and span adjustments. A standard feature is an internal 24 Vdc power supply for powering two-wire transmitters. The DXZ15 Series solves group loop problems by providing output signals that are isolated from the input signal, from each other as well as the power supply. The inputs and outputs are also protected against electrical surges.

Specifications

Inputs

DC voltage or Current	4-20 mAcd or 1-5 Vdc
Maximum Input:	30 mAcd
Input Impedence:	4-20 mAcd, 250Ω 1-5 Vdc, 1MΩ
Maximum Voltage Drop:	5 Vdc @ 20 mA
Protection Against Polarity Reversal	

Output

Current Limiting:	25 mAcd
Transmitter Power Supply:	24 Vdc, ±4 Vdc

Performance

Calibrated Accuracy:	± 0.1%, f.s.
Thermal Drift:	0.01%/°C
Linearity Error:	± 0.1% of span
Response Time:	0.5 seconds
Isolation, Input/Output/ Power:	2400 Vac, 60 Hz, 1 second
Operating Temperature:	0 to 70°C
Storage Temperature:	-40 to 100°C
Power Supply:	24 Vdc, ± 10%
Warm-up Time:	3 minutes
Weight, DXZ15-1:	7 oz, 0.2 kg
DXZ15-2:	11 oz, 0.3 kg

DXZ15-I

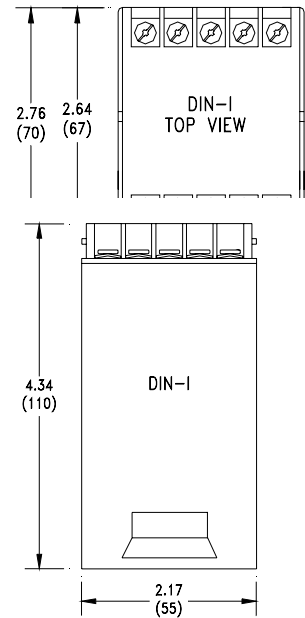
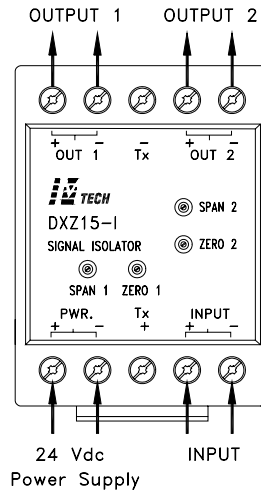
Ordering Information

Please specify the following:

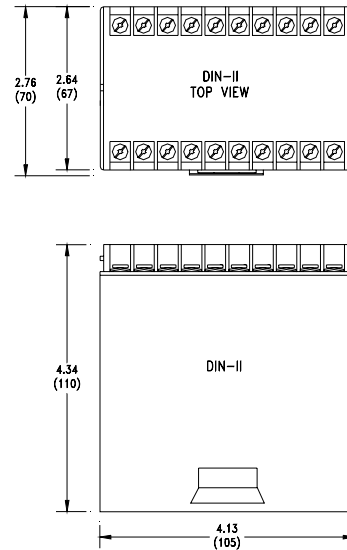
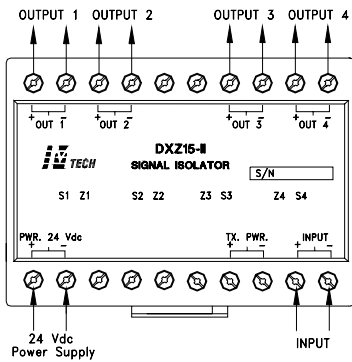
- A. Model number DXZ15-I
- B. Input Calibration
- C. Output 1 Calibration
- D. Output 2 Calibration

Example:

DXZ15-I - 4/20 mA - 4/20 mA - 1/5 V
 A B C D



DXZ15-II



Ordering Information

Please specify the following:

- A. Model number DXZ15-II
- B. Input Calibration
- C. Output 1 Calibration
- D. Output 2 Calibration

Example:

DXZ15-II - 4/20 mA - 4/20 mA - 1/5 V
 A B C D



MEASUREMENT TECHNOLOGIES, LTD.

1900 Industrial Blvd., Suite 200
 Colleyville, TX 76034
 Tel: 817-442-9930
 Fax: 817-442-9990
 Email: sales@mtech.biz
 Website: www.mtech.biz

Represented By:



Specifications are subject to change without notice.
 DXZ15 Rev. 1/090502