MULTISPAN

VOLTAGE TRANSDUCER

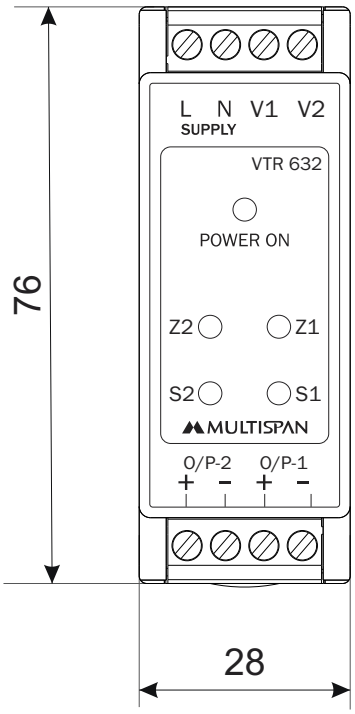
VTR-632

APPLICATIONS

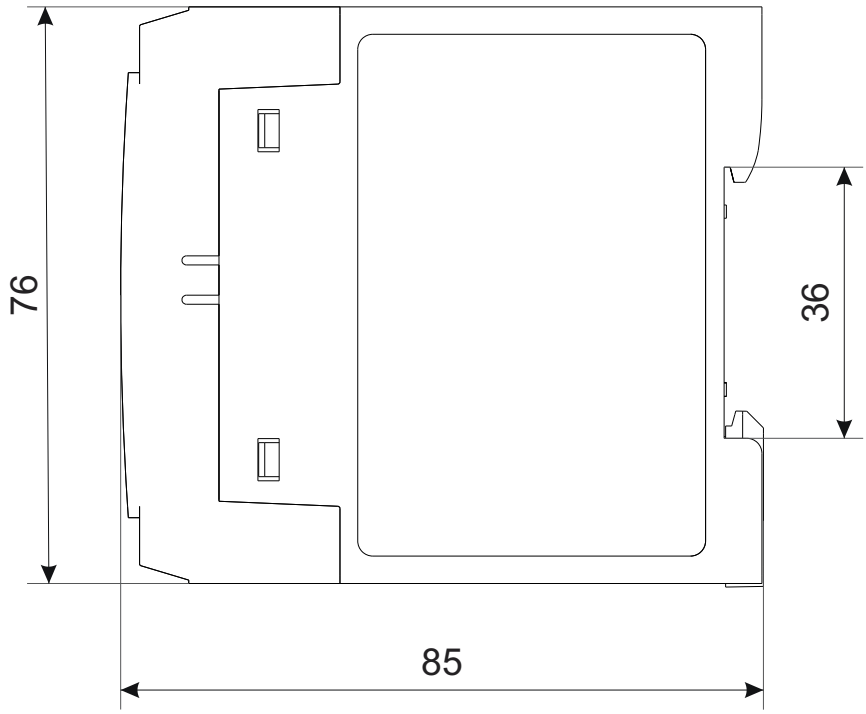
- Field Interface device
- Impedance matching of Transmitters and Receiver
- Isolation of field signals
- Distribution of signals
- Factory automation
- Powering of field Transmitters

Mechanical Dimensions

Body Dimensions



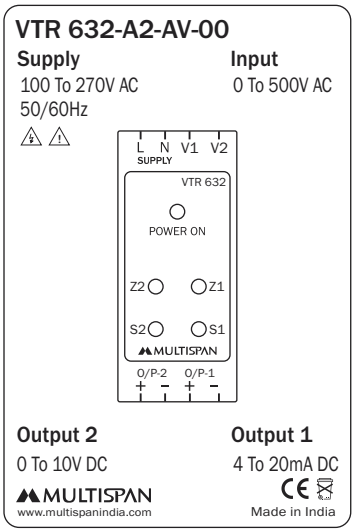
FRONT VIEW



RIGHT SIDE VIEW

All dimensions are in mm

Connection Diagram



TECHNICAL DATA

Input	0 to 110V AC
Output	4 to 20mA DC & 0 to 20mA DC & 0 to 10V DC (Factory set any one)
Power Supply	100 to 270V AC/DC ,50/60Hz / 4VA
Accuracy	± 1.0 % FSD

Features

- **2KV isolation between supply, input & output**
- **Linearized O/P**
- **Zero & span correction facility through trim port**
- **Fast Response time <500ms**
- **Din Rail Mounting**

Output

Output 1 & 2	4 To 20mA DC & 0 To 20mA DC Voltage : 0 To 10V DC
Output Impedance	> 500Ω on each O/P

Input

Input	0 To 110V AC
CMRR	>120 db (Typical)
Temperature Co-efficient	<100 PPM

Environmental

Ambient Temperature	0 to 55°C
Relative Humidity	95% RH Non-Condensing
Protection	Conformal Coating on PCB

Power Supply

Auxiliary Voltage	100 - 270V AC/DC
Power Consumption	less than 4VA
Isolation type	Optical - 3 way

Isolation

Isolation between supply and Input	At least 2KV AC for 1 min.
Isolation between supply and Output	At least 2KV AC for 1 min.
Isolation between Input and Output	At least 2KV AC for 1 min.

Mechanical Characteristics

Mounting Type	DIN Rail Mount
Dimension (HxWxD) mm	76 x 28 x 85
Material Front	Polycarbonate (PC)
Material Enclosure	ABS
Terminal Screw Size	M3
Screw Torque (N.m)	1
Wire Guage (AWG)	28-12
Weight (Approx) gms	Unpacked : 110 Packed : 120