









# Temperature Transmitters



**Series :** 4432- DR

## SALIENT FEATURES

-  LED display for better glow in dark conditions
-  RTD / Th/C input
-  2 wire system
-  Works on 12 to 36 V DC supply
-  Reverse polarity protected
-  External Span - Zero Adjustment provided
-  Weatherproof / Exproof Enclosures
-  DIN RAIL

The Series 4432 - DR temperature transmitters are sturdy instruments designed to accept input from temperature sensors such as RTD or Thermocouple. These instruments give 4 - 20 mA DC two-wire output which can be connected to DCS / PLC's or panel instruments. They can operate on voltages from 12 to 36 V DC. These units can be directly mounted in the field and in hazardous areas. A local indication of LED display is provided to enable proper readout even in dark conditions.

## Technical Specifications

Input	: 1) RTD, Pt-100, 3 wire : 2) Any kind of thermocouple
Output	: 4 to 20 mA DC (2 wire)
Supply	: 12 to 36 V DC
Output Load	: 600 ohm at 24 V DC
Zero Span Adjustment	: provided externally
Display resolution	: 0.1 deg C for RTD, 1 deg C for Th/C
Accuracy	: < +/- 0.2% of FSD
Repeatability	: 0.15%
Range for RTD	: min 40 deg C full scale, maximum 650 deg C full scale
Zero / Elevation Suppression	: -200 to 200 deg C
Range for Th/C	: any type and any range possible
Broken Sensor	: upscale (any lead)
Mounting	: field, 2" pipe
Enclosure	: Cast Aluminium, Flp Gr IIA, IIB, Weatherproof Ip65 CMRI certified
Terminals	: suitable for 2.5 sq.mm wires (screwed type)
Operating Temp	: 0 to 50 deg C
Temp. Co-efficient	: 0.015% / deg C
Humidity	: upto 95% rH (non-condensing)

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