



TT-DR is a configurable DIN rail mount temperature transmitter. It allows selection and configuration of input type, measurement range, output type and calibration. Its output can be set to either loop powered 4-20 mA or 0-10 V. Highly accurate and user-friendly, the TT-DR performs well from simple to sophisticated measurement applications



Food and
Beverages
Industry



Chemical
Industry



Pharmaceutical
Industry

Features

- Universal input accepts Thermocouples J, K, T, E, N, R, S, B, Pt100, Pt1000, NTC and 0-50 mV
- Sensor break detection according to NAMUR Ne43 recommendations
- Internal cold junction compensation
- Pt100/Pt1000 connection for 2, 3 and 4 wires
- Accuracy (@ 25 °C): typical 0,1% of span for thermocouple, mV, Pt100 and Pt1000
- Temperature effect $< \pm 0,16\%$ @ 25° C
- Configurable output to 4-20 mA loop powered or 0-10 V.
- Output Linearized according to measured temperature
- Output resolution: 4-20 mA output: 2 μ A
0-10 V output: 2,5 mV
- Power supply: 10 to 35 Vdc (4-20 mA output)
12 to 30 Vdc (0-10 Vdc output)
- Operating temperature: -40 to 85 °C
- Dimensions: 99,5 x 114 x 12,5 mm

For more information, contact us



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