

COMPACT RTD with BUILT In Transmitter



FEATURES

Works with 10 to 36 VDC loop power High accuracy EMC compliant – CE mark

Input type Min Max Min. span Various Types available Pt100 -200°C 850°C 50°C Pt1000 -200°C 200°C 50°C

Ni100 -60°C 180°C 50°C Ni1000 -60°C 150°C 50°C

Input impedance mV \geq 10 MW

RTD excitation current Typical 0.350 mA

Line resistance influence mV \leq 0.8 μ V/Ohm

Accuracy RTD \pm 0.1 % f.s. Input calibration RTD $>$ of \pm 0.1% f.s. or \pm 0.2° Low res. $>$ of \pm 0.1% f.s. or \pm 0.15 W

Output calibration Current \pm 7 μ A

Power supply voltage 10 .. 32 Vdc Reverse polarity protection 60 Vdc max

EMC (for industrial environments) Immunity EN 61000-6-2 Emission EN 61000-6-4

RTD Dimension .125 " to .375 " OD available in various lengths

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