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Temperature-TP02





| Features |

- Special IC for RTD; High accuracy is assured
- TP02 with smaller volume so lesser space for installation is required
- High quality and low price
- DIN-rail type; Quick to install

| Applications |

Monitoring for long-distance temperature signal transmission / For industries in heating / Ventilation / Air conditioning / Cooling / Water power / Electricity, etc. / For process in agriculture / Green house / Environmental engineering / Food / Pharmaceutical industry





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| Specifications |

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Input signal	RTD Pt100(3-wire)
Cable resistance	≦50 Ω(3 wires with the same
	resistance)
Pt100 sensor current	<0.8 mA
ZERO adjustment range	±10%
SPAN adjustment range	±10%

Output

DC 4 20 mA(2-wire)
\leq (Supply voltage - 8 V) / 0.02A Ω
\pm 0.05% / 100Ω
±0.025%/V

Accuracy

Accuracy ±0.170 011.3.	Accurac	V	$\pm 0.1\%$ of F.S.
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Temperature

Temperature drift	<±0.015% F.S. / °C
Calibration temperature	20 28°C
Response time	<250 ms

Environment

Medium	Air
Operating temperature	-20 60°C
Operating humidity	0 95%RH(Non-condensing)
Electrical specification	
Power supply	DC 10 30 V
Operating environment	-20 60°C
	0 95%RH(Non-condensing)

Protection

Pt100 signal disconnection	>23 mA
protection & output	
Pt100 signal short circuit	<3 mA
protection & output	
Output polarity protection	Yes
IP rating	Housing: IP30 / Terminal: IP10

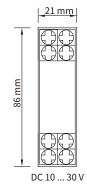
Certification

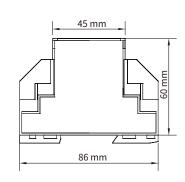
Certification	CE	

Material

Housing ABS(UL94V-0)

Dimension |

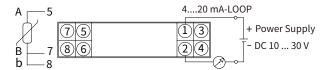






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| Diagram |



Ordering Guide |

