

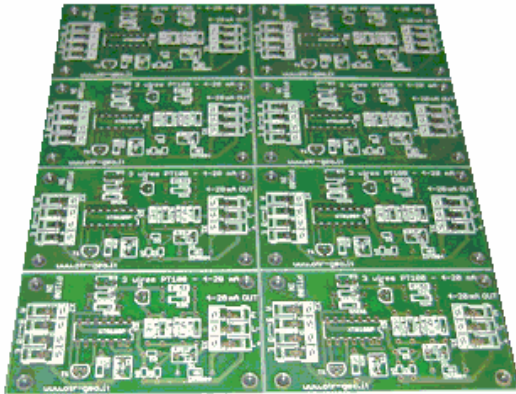
Converters for PT100 thermometers (3 wires PT100 to 2 wires 4-20 mA)

Applications

Many installations require to convert input signal from PT100 thermometers into a 4-20 mA output signal in order to provide greater link distances and higher insensitivity to noises. 4-20 mA signals are easily measured by OTR dataloggers.

Benefits

The converter is able to provide a linearized 4-20 mA output.



Description (Code O00TEMP420MA0)

The circuit has a small size and two terminal blocks (a PT100 input and a 4-20 mA output). Both input and output are protected by surge arresters. Integrated converter is socket mounted and therefore replaceable. The circuit can be supplied in an aluminum minibox (IP66) along with the PT100 probe.

Technical specifications

- Circuit size 40 x 75 mm
- Sensor input: 3-wires PT100
- Output: 2-wires 4-20 mA
- Sensitivity trimmer
- Input 12-24 Vdc
- Discharge transzorbers on each line
- Standard output range: ± 100 ° C

All product technical specifications are subject to change without notice.

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