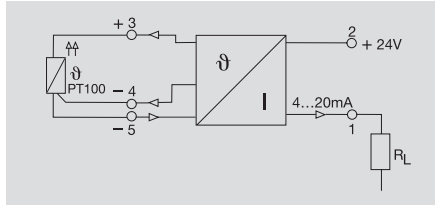
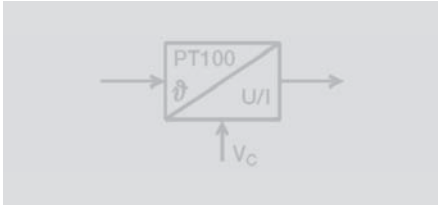
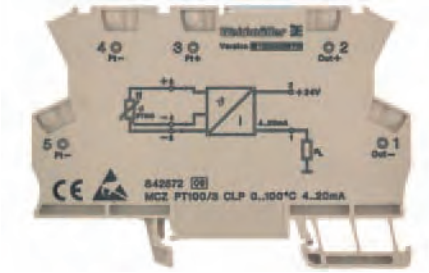


PT100 / RTD - signal isolator/converter

PT100, 2-/3-Conductor disconnector converter

- For 2- or 3-conductor PT100 sensors
- Loop-fed output current
- High accuracy and linearity

MCZ PT100/3 CLP



Technical data

Input

Sensor
Feed current

Output

Output current
Load resistance voltage/Current
Accuracy/Influence of cable resistance
Response time

General data

Operation temperature/Storage temperature
Approvals
Standards
EMC standards

Dimensions

Clamping range (rating- / min. / max.) mm²
Length x width x height mm

Information

PT100/2-/3-conductor
0.8 mA

4...20 mA (current loop)

/< = 600 Ω

typical 0.2%, max. 0.5% of FSR/max. 0.6 K/Ω
10 ms

0 °C...+50 °C/-20 °C...+85 °C

CSA;UL/UR;CE;ESD;

EN 50178, EN 60751, IEC751

EMVG, EN 50081-1, EN 50082-2

Tension clamp c.

1.50 / 0.50 / 1.50

91.0 x 6.0 x 63.2

Tu=23°C, single module

Ordering data

Temperature input range	Type of connection
0...100 °C	Tension clamp c.
0...120 °C	Tension clamp c.
0...150 °C	Tension clamp c.
0...200 °C	Tension clamp c.
0...300 °C	Tension clamp c.
-50...+150 °C	Tension clamp c.
-40...+100 °C	Tension clamp c.

Type	Qty.	Order No.
MCZ PT100/3 CLP 0...100C	10	8425720000
MCZ PT100/3 CLP 0...120C	10	8483680000
MCZ PT100/3 CLP 0...150C	10	8604420000
MCZ PT100/3 CLP 0...200C	10	8473010000
MCZ PT100/3 CLP 0...300C	10	8473020000
MCZ PT100/3 CLP -50C...+150C	10	8473000000
MCZ PT100/3 CLP -40C...100C	10	8604430000

Information

Application