Postal address: Postfach 1261

53759 Hennef

House address Löhestr. 37

53773 Hennef

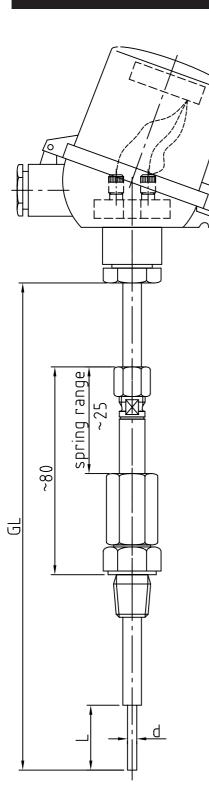
Fon (+49) 0 22 42-8703-0 Fax (+49) 0 22 42-8703-20

http://www.tematec.de e-mail: team@tematec.de



Data Sheet WT 7108

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Resistance Thermometer with terminal head Form BUZ / BUZ-H and spring loaded compression fitting

These Resistance Thermometers can be used for measuring the temperature on: Pumps, Motors and Gears

Constant contact with spring -loaded compression fitting Mounting length adjustable

The connection head without transmitter is suitable for environments with a temperature of up to 100° C (incl. transmitter up to 85°C). Additional designs other than Model BUZ include types with a BUZ-H head.

The protective tubes are normally made of 1.4571 stainless steel but other protective tube materials or coatings can be delivered on request.

The measuring insert contains as standard a Pt100-sensor according to DIN EN 60751, Class B in a 3-wire circuit (3-wire / 4-wire circuit for version with transmitter).

Connection is also possible in a 2-wire circuit or a 4-wire circuit (see ordering key).

- temperature range -40...+ 250°C max
- protective tubes made of 1.4571
- insertion length individually configurable
- Single- or Double-Resistance-Thermometer
- spring screw connection = springily with defined pressing force or compression fitting normally tightening

available with the following Transducer:

- analog
- digital programmable
- with Profibus-PA-protocol
- HART-protocol
- FOUNDATION fieldbus
- Transmitter and LED -display

BUZ-H head with LED-display



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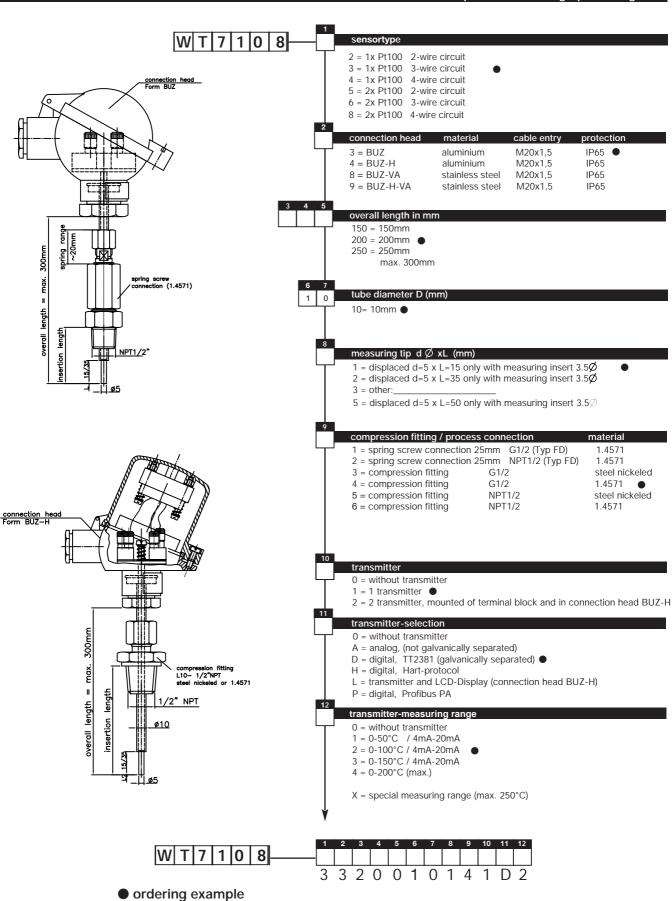
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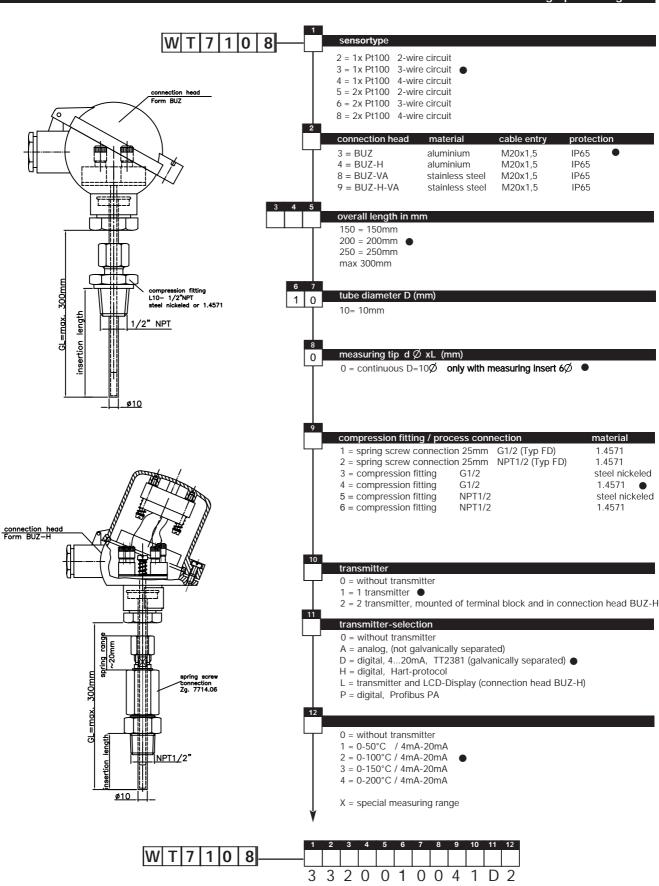
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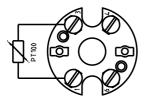
Data Sheet WT 7108 - continuous measuring tip



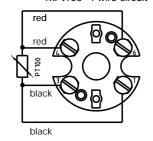
ordering example

Resistance-Thermometer Electrical Connection

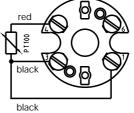
1xPt100-2 wire circuit



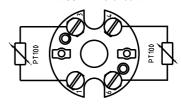
1xPt100- 4 wire circuit



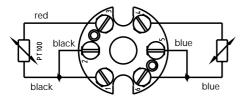
1xPt100-3 wire circuit



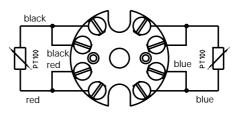
2xPt100-2 wire circuit



2xPt100-3 wire circuit



2xPt100-4 wire circuit



Electrical Connection Transmitter TT2381

Terminal connections

