

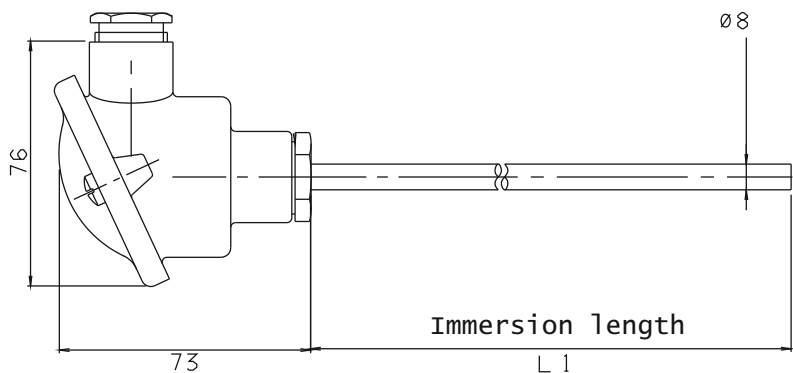


Resistance thermometer TYPE HMI80

Measuring insert with form B head



- Straight thermometer with form B-head - DIN 43769 for measuring of temperatures in e.g. gases. Mainly used in NON-PRESSURE areas.
- The measuring insert is type MI80. DIN 43762.
- The sensing element is according to IEC 751.
- Made of stainless steel, $\varnothing 8 \times 0.5$, AISI 316TI.
- Connection: Flange (compression fitting).
- Connection head Form B, DIN 43729 of light-alloy metal, protection IP65, cable gland PG16.
- Response time (mean values) measured at velocities in:
water at 0.4 m/s: $\tau_{0.5} = 7$ sec.
air at 3.0 m/s: $\tau_{0.5} = 28$ sec.
- Recommended measuring current: max. 2 mA.



Ordering: See ordering form on back page



ORDERING FORM / RESISTANCE THERMOMETER TYPE HMI80

Type HMI80



V2.1

Imm. length/L/mm
 Min. 50 mm -
 max. 800 mm
 Optional length



Temperature range
 1 -50 / +260°C
 4 -50 / +400°C
 For high temperature -
 see type HMMI

Connection
 NONE
 Flange



Tolerance class/DIN
 1 Cl. A : ±0,15 °C
 2 Cl. B : ±0,3 °C
 3 1/3 DIN : ±0,1 °C
 4 1/6 DIN : ±0,05 °C

Number of conductors
 2 cond.
 3 cond.
 4 cond.
 Prepared f. 3 cond. transm. ...
 Prepared f. 4 cond. transm. ...

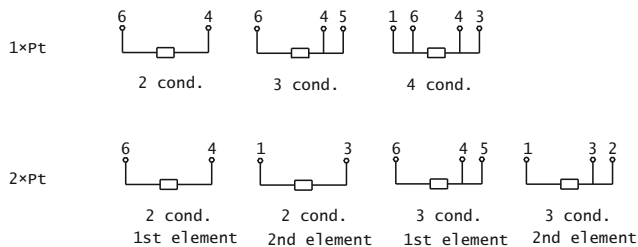


Resistance in ohms at 0°C
 1 100
 2 500
 3 1000



Number of elements
 1 1×Pt
 2 2×Pt

Connection diagram:



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