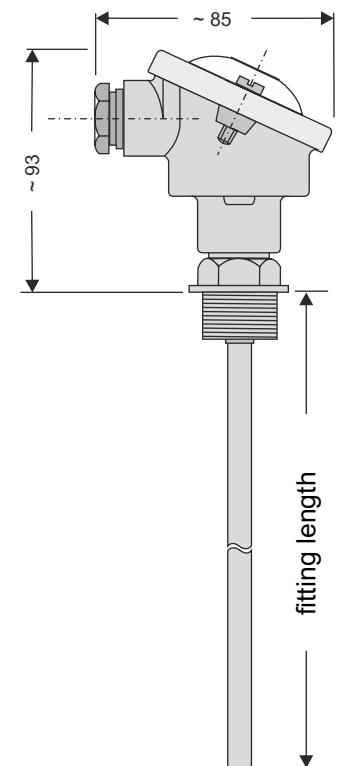
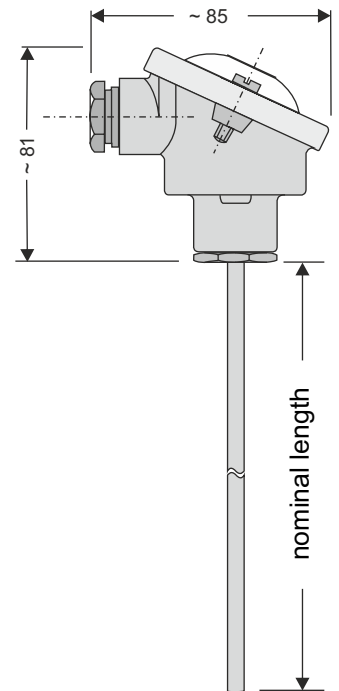


Resistance thermometer with terminal head B

Characteristics

| | |
|---|--|
| Sensor element: | Pt100 / Pt1000 / 2x Pt100 / 2x Pt1000 |
| Type of sensor: | 2-wire / 3-wire / 4-wire |
| Accuracy: | class A / class B / B1/2DIN / B1/3DIN / B1/10DIN |
| Type: | standard element / mineral insulated element |
| Model: | screw-in sensor / dip-in sensor |
| Protective sheath: | stainless steel 1.4571 (316Ti) for standard element stainless steel 2.4816 (Inconel 600) for M.I. element |
| Ø Protective sheath: | 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 / 11 / 15 mm 1,5 / 3 / 4,5 / 6 mm (for M.I. element) |
| Length: (fitting and nominal) | 50 / 100 / 160 / 200 / 250 / 400 / 600 / 1000 mm maximum length: 2000 mm option: according to details |
| Process connection: | 1/4" / 3/8" / 1/2" / 1" / 1/4NPT / 3/8NPT / 1/2NPT |
| Bend radius: | minimum 5x of sheath tube (M.I. element) |
| Terminal head: | material: aluminium process connection: M24x1,5 cable connection: M20x1,5 connection: ceramic block with terminal posts |
| Protection: | terminal head IP 54 |
| Insulating resistance: | test voltage: 500 VDC |
| Mineral insulator: | metal oxide |
| Response time: | sheath 6x0,5 mm: t90: 30,9 s / t50: 12 s sheath 6x1 mm: t90: 22,1 s / t50: 7,6 s |
| Accessories: | connection cable / transmitter compression fitting |

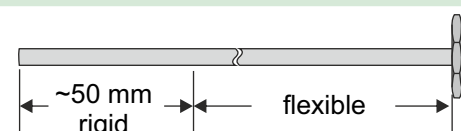


all dimensions in mm

Maximum operative temperature range:

| | |
|---------------------------|---|
| Sensor: | -200...+450 °C |
| Protective sheath: | stainless steel 1.4571 (316Ti): up to 600°C stainless steel 2.4816 (Inconel 600): up to 600 °C |
| Terminal head: | up to 480 °C |

Protective sheath mineral insulated element



Bestellangaben für ID: KD

| | |
|--|--|
| Sensor element | <input type="checkbox"/> |
| 0 1x PT100 | |
| 1 1x Pt1000 | |
| 2 2x PT100 | |
| 3 2x Pt1000 | |
| Type of sensor | <input type="checkbox"/> |
| 0 2-wire | |
| 1 3-wire | |
| 2 4-wire | |
| Accuracy | <input type="checkbox"/> |
| 0 class A | |
| 1 class B | |
| 2 B1/2DIN | |
| 3 B1/3DIN | |
| 4 B1/10DIN | |
| Type* | <input type="checkbox"/> |
| 0 standard element (S) | |
| 1 mineral insulated element (M) | |
| Model | <input type="checkbox"/> |
| 0 screw-in sensor | |
| 1 dip-in sensor | |
| Material protective sheath* | <input type="checkbox"/> |
| 0 stainless steel 1.4571 (316Ti) (S) | |
| 1 stainless steel 2.4816 (Inconel 600) (M) | |
| Ø protective sheath* | <input type="checkbox"/> |
| 1 3 mm (S, M) | |
| 2 4 mm (S) | |
| 3 4,5 mm (M) | |
| 4 5 mm (S) | |
| 5 6 mm (S, M) | |
| 6 7 mm (S) | |
| 7 8 mm (S) | |
| 8 9 mm (S) | |
| 9 10 mm (S) | |
| A 11 mm (S) | |
| B 15 mm (S) | |
| Fitting length / Nominal length | <input type="checkbox"/> <input type="text"/> mm |
| 0 50 mm | |
| 1 100 mm | |
| 2 160 mm | |
| 3 200 mm | |
| 4 250 mm | |
| 5 400 mm | |
| 6 600 mm | |
| 7 1000 mm | |
| 8 andere Länge | |
| Process connection | <input type="checkbox"/> |
| 0 1/4" | |
| 1 3/8" | |
| 2 1/2" | |
| 3 1" | |
| 4 1/4NPT | |
| 5 3/8NPT | |
| 6 1/2NPT | |
| Special model | <input type="checkbox"/> <input type="text"/> |
| 0 customized (please indicate) | |
| Used temperature range | <input type="text"/> - <input type="text"/> °C |
| please indicate | |

* S = standard element

M = mineral insulated element