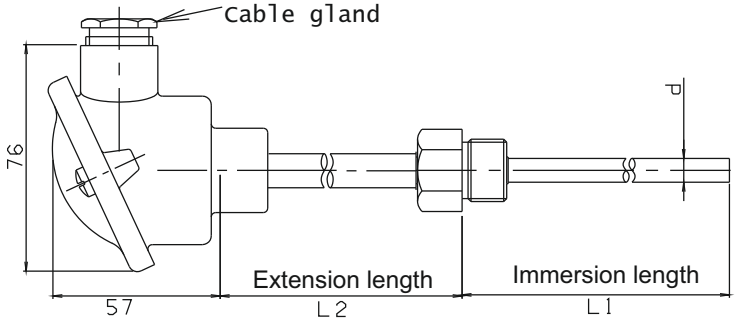
Resistance thermometer TYPE BF

With/without extension length and fixed insert

- Threaded thermometer - Form B - DIN 43765 for measurement of temperatures in gases, vapours, and fluids, e.g. in sealed pipelines and containers - in the LOW-PRESSURE RANGE (Pressure test at 75 bars).
- Fixed inset. Sensing element according to EN 60751.
- Protective sheath, Form B of stainless steel AISI 316L according to DIN 43763.
- Extension length Ø12 mm
- 1/2"BSP mounting thread. (Rated torque: max. 50 Nm)
- Form B connection head of light alloy according to DIN 43729, protection IP 65, cable gland M20.
- Response time (mean values) at velocities in:
  water at 0.4 m/s: $\tau 0.5$ = 7 sec. - t0.9 = 27 sec.
  air at 3.0 m/s: $\tau 0.5$ = 35 sec.
- Recommended measuring current: max. 2 mA.
- Approvals: DNV-GL - for L2/ext. length up to 140 mm and L1/immersion length up to 200 mm, Bureau Veritas, DNV-GL EU RO MR.



EU RO MUTUAL RECOGNITION TYPE APPROVAL CERTIFICATE - Group members are:

Ordering: See ordering form on back page

ORDERING FORM / **RESISTANCE THERMOMETER TYPE BF**

Type BF

V3.1

Imm. length/L1/mm
Min. 50 mm -
max. 1000 mm
Optional length .....

Sheath dia./wallthickn./mm
Ø8×1 1
Ø9×1 2
Ø6×0.5 3

Extension length/mm
Min. 40 mm -
max. 200 mm
Optional length .....
Without x

Mounting thread
None 0
1/2"BSP 1
3/4"BSP 2
1"BSP 3
1/2"NPT 4

Number of conductors
2 cond. 2
3 cond. 3
4 cond. 4
Prepared for 3 cond. transmitter 5
Prepared for 4 cond. transmitter 6

Number of elements
1 ..... 1×Pt
2 ..... 2×Pt

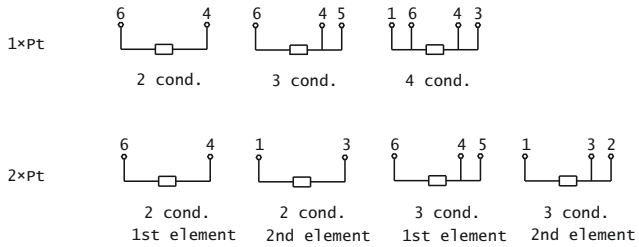
Resistance in ohms at 0°C
1 100
2 500
3 1000

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

Temperature range
1 ..... -50 / +260°C3
4 ..... -50 / +400°C

Cable Gland Thread
1 ... M20x1,5

Connection diagram:



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