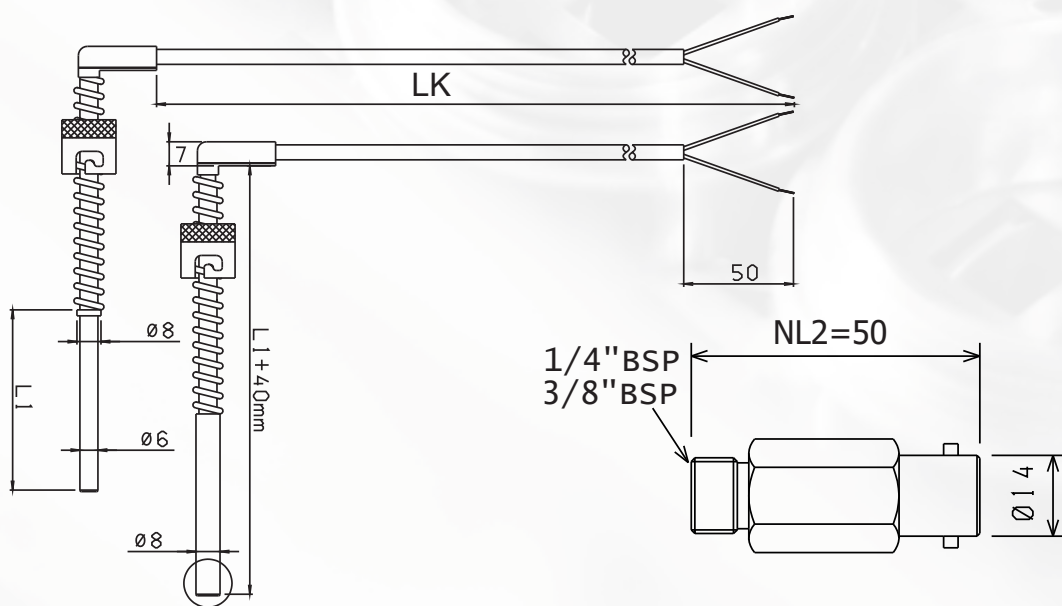
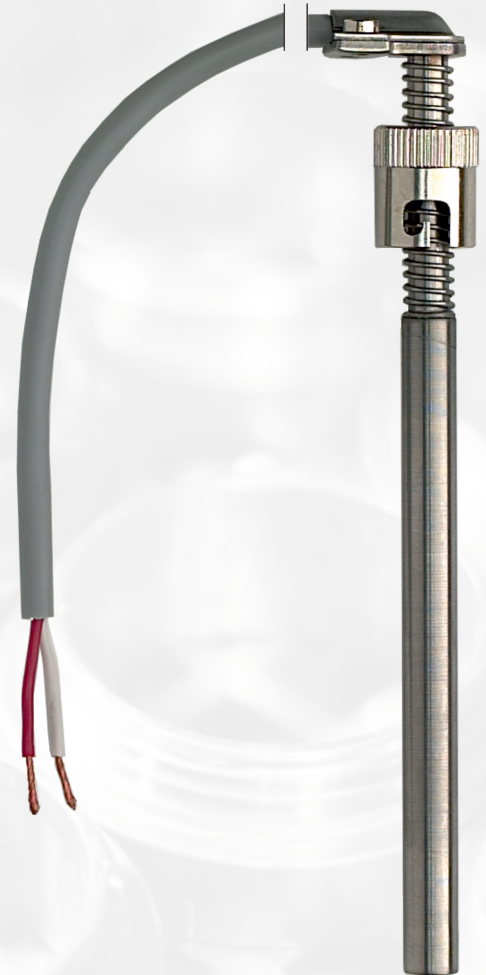


Resistance thermometer

TYPE BJV

Angle wire sensor with bayonet

- Is used for measurement of temperatures in machinery, tools, heating plates, bearings etc. where a fast replacement is desired.
- The measuring element is according to IEC 751.
- The protective sheath is standard of $\varnothing 6 \times 0.5$ mm stainless steel.
- Mechanical connection by means of a nipple, which e.g. is screwed into the machine. The sensor is mounted by means of the bayonet socket. The spring load is adjusted by screwing the bayonet socket up/down the spring before mounting.
- 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: $\tau_{0.5} = 24$ sec.
- Recommended measuring current: max. 2 mA.



Ordering: See ordering form on back page

ORDERING FORM / RESISTANCE THERMOMETER *

TYPE BJV

V 2.1

Immers.length/L1/mm

Min. 60 mm -
Max. 125 mm

Optional length

Sheath dia./wallth./mm

Ø6x0,5 1
Ø8x1 2

Tip form

Flat 1

Mounting thread

None 0
1/4" 4
3/8" 5

Nipple length/NL2

None 0
50 mm 4

Extension length/mm

Min. 1,000 mm - max. 10,000 mm

Optional length

Cable matr./temp.range

1 PVC -5/+85°C
2 Silicone -50/+180°C
3 Teflon/screen -50/+260°C
4 Arm. fibreglass -50/+350°C
5 Arm. teflon -50/+200°C

Tolerance Class EN 60751

1 Cl. A: ±0.15°C
2 Cl. B: ±0.3°C
3 1/3 Cl. B: ±0.1°C
4 1/6 Cl. B: ±0.05°C

Resistance in ohms at 0°C

1 100
2 500
3 1000

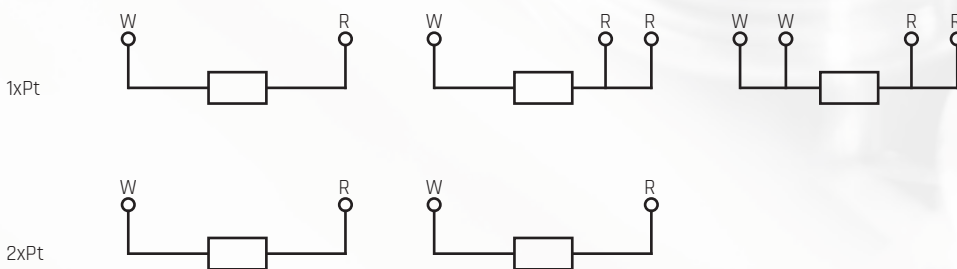
Number of elements

1 1xPt
2 2xPt (only 2-cord.)

Number of conductors

2 2 cord.
3 3 cord.
4 4 cord.

Connection diagram:



*Some configurations are unavailable. Your Senmatic sales person will notify you if you have made an incorrect selection.