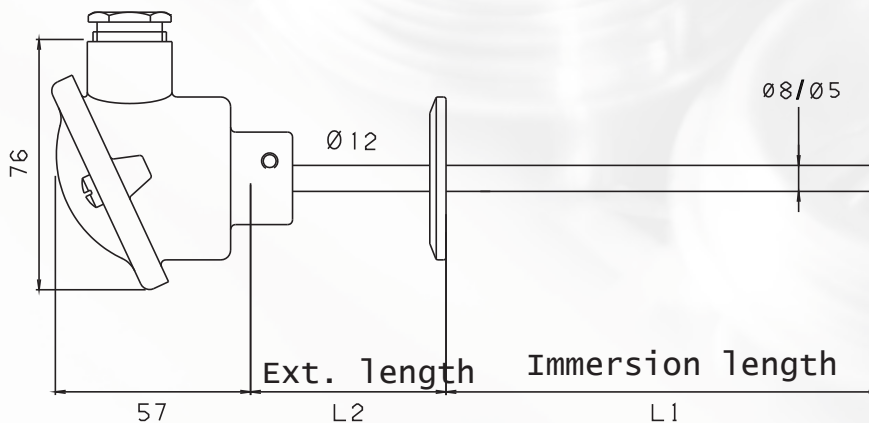


# Resistance thermometer TYPE CL

 Process Industry

## Clamp mounting and fixed insert

- Used for measurement of temperatures.
- Fixed measuring insert according to EN 60751.
- Protective sheath, DIN 43763,  $\varnothing 8 \times 1$  /  $\varnothing 5 \times 0.5$  mm stainless steel, AISI 316L.
- Extension length  $\varnothing 12$  mm.
- Mounting thread available as 1", 1½", 2" and 2½" clamp.
- Form B connection according to DIN 43729, of light alloy, protection IP65, cable gland M20.
- Response time  $\varnothing 8/\varnothing 5$  (mean values) measured at velocities in: water at 0.4 m/s:  $\tau_{0.5} = 11$  sec. / 2 sec.
- Recommended measuring current: max. 2 mA.
- Length up to 200 mm, Bureau Veritas.



Ordering: See ordering form on back page

# ORDERING FORM / RESISTANCE THERMOMETER \*

# TYPE CL

V 2.4

**Immers. length/L1/mm**

Min. 50 mm - max. 300 mm

Optional length .....

**Sheath dia./wallth./mm**

Ø8x1 light alloy head .....

Ø5x0,5 .....

Ø8x1 S. steel head (RF) .....

Ø5x0,5 S. steel head (RF) .....

**Extension length/L2/mm**

Min. 35 mm - max. 158 mm

Optional length .....

**Connection clamp/DN**

1" .....

1½" .....

2" .....

2½" .....

**Temperature range**

1 ..... -50 / +260°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

**Number of conductors**

2 ..... 2 cond.

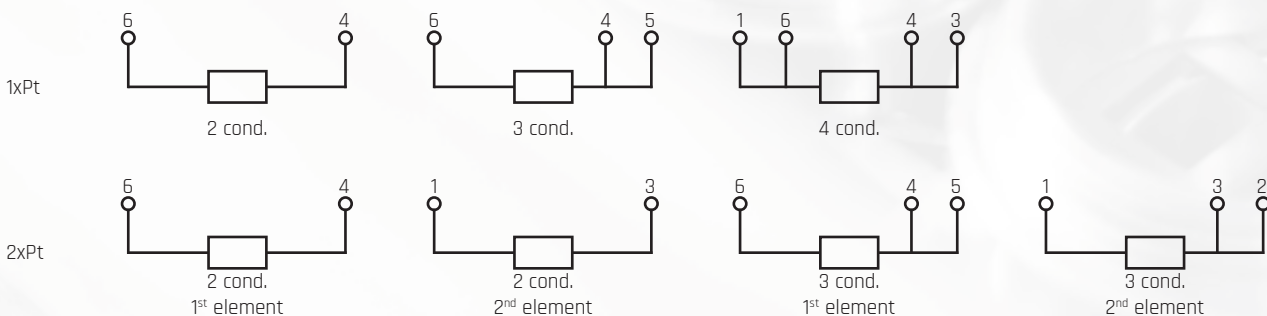
3 ..... 3 cond.

4 ..... 4 cond.

5 ..... Prepared for 3 cond. transmitter

6 ..... Prepared for 4 cond. transmitter

**Connection diagram:**



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