

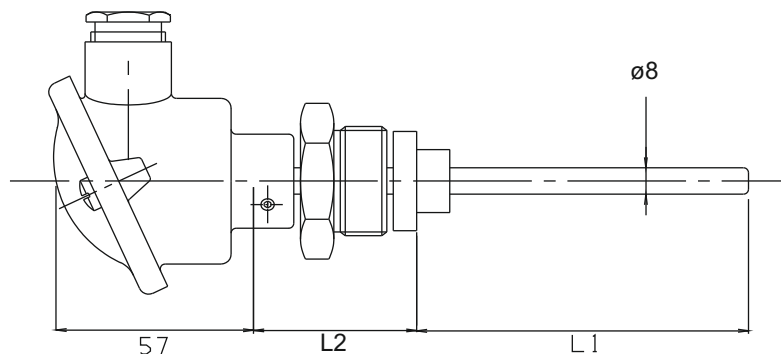


# Resistance thermometer TYPE BN

With union nipple and fixed insert -  
for hygienic use



- Threaded thermometer for measurement of temperatures in gases, vapours and fluids, e.g. in sealed pipelines and containers in the LOW-PRESSURE RANGE. (Pressure tested at 75 bars).
- Measuring insert according to EN 60751.
- The protective sheath is of  $\text{Ø}8 \times 1$  stainless steel, AISI 316L. Extension length  $\text{Ø}12$  mm.
- Form B connection head according to DIN 43729, of light alloy, protection IP 65, cable gland M20, or stainless steel, protection IP65, cable gland PG9.
- Response time (mean values) at velocities in:  
water at 0.4 m/s:  $\tau_{0.5} = 11$  sec.  
air at 3.0 m/s:  $\tau_{0.5} = 35$  sec.
- Recommended measuring current: max. 2 mA.
- Senmatic only guarantee, that the part in contiguity with food, comply with the demands of the Danish Veterinary and Food Administration.



Ordering: See ordering form on back page



# ORDERING FORM / RESISTANCE THERMOMETER TYPE BN

## Type BN



**Immers. length/L1/mm**  
 Min. 50 mm -  
 max. 300 mm  
 Optional length .....

**Temperature range**  
 .... -50 / +260°C  
 .... -50 / +600°C

**Sheath dia./ wallth./mm**  
 Ø8×1 - B-head .....  
 Ø8×1 - Stainless head ....

**Tolerance class/DIN**  
 ..... Cl. A : ±0.15 °C  
 ..... Cl. B : ±0.3 °C  
 ..... 1/3 DIN : ±0.1 °C  
 ..... 1/6 DIN : ±0.05 °C

**Ext. length/L2/mm**  
 Min. 58 mm -  
 max. 158 mm  
 Optional length .....

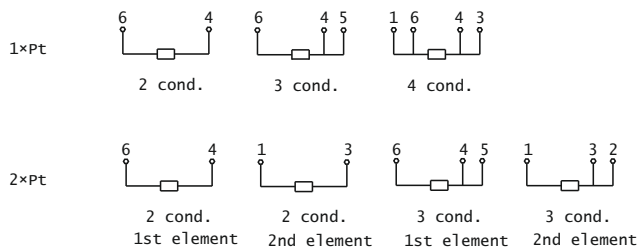
**Resistance in ohms at 0°C**  
 ..... 100  
 ..... 500  
 ..... 1000

**Mounting thread**  
 1/2"BSP .....  
 3/4"BSP .....  
 1"BSP .....  
 G1A .....

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

**Number of conductors**  
 2 cond. ....  
 3 cond. ....  
 4 cond. ....  
 Prepared for 3 cond. transmitter ....  
 Prepared for 3 cond. transmitter ....

### Connection diagram:



### Head office:

Senmatic A/S  
 Industrivej 8, 5471 Søndersø, Denmark  
 Phone: +45 64 89 22 11  
 dk@senmatic.com - www.senmatic.com