

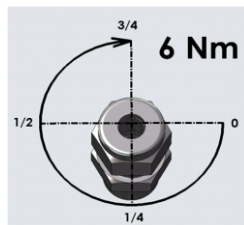
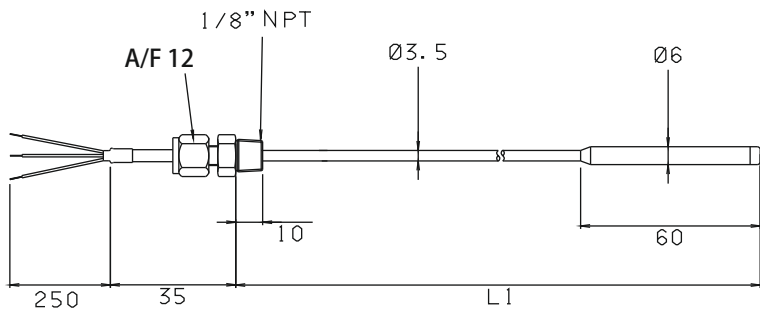


Resistance thermometer TYPE NS

Tank Thermometer



- Roll-up threaded thermometer for measurement of temperatures in pipeline and tank systems, e.g. in oil tankers, as part of a volume measuring system.
- The measuring element is according to IEC 751, standard with glass element, 1×Pt, Cl. B.
- Protective sheath of Ø3,5 annealed stainless steel, length on request. Sensor tip Ø6×60.
- Wires are available in tefzel and teflon.
- Mounting by compression fitting with 1/8"NPT thread.
- Response time (mean values) measured at velocities in: water w. 0.4 m/s: $\tau_{0.5} = 6.4 \text{ sec.}$ - $\tau_{0.9} = 27 \text{ sec.}$
- Recommended measuring current: max. 2 mA.
- Approvals: DNV-GL, Bureau Veritas, Lloyd's Register of Shipping, DNV-GL EU RO MR.



Tightening of Type-NS compression fitting.

Tighten the compression part with a torque of 6 Nm. The first time this corresponds to 3/4 turn with a wrench when tightened as much as possible by hand.

If tightened more times use a torque wrench and tighten with 6 Nm.



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



Ordering: See ordering form on back page



ORDERING FORM / RESISTANCE THERMOMETER TYPE NS

Type NS



V2.6

Length/L1 i mm

Min. 300 mm -
max. 35000 mm
Optional length X

Dia./wallthickness./mm

Ø3.5×0,4 1

Mounting thread

1/8 NPT 1

Number of conductors

3 cond. 3
4 cond. 4

Wire matr./Temp.range

1 Tefzel -50 / +150°C
2 Teflon -50 / +250°C
3 Teflon -200 / +100°C

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 *)
5 1/10 DIN: ±0.03°C *)

Resistance in ohms at 0°C

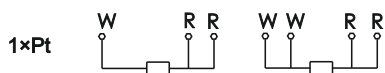
1 100

Number of elements

1 1×Pt

*) Not used as standard - only on special request

Connection diagram:



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