

Halbschalen-Verschraubung zum Temperaturfühlereinbau Half shell screwing for temperature sensor installation

SENSUS

This instruction is valid for the installation of temperature sensors with cylindrical protective sleeve (length 45 mm / diameter 5.2 mm) in ball valves or other fittings with installation point M10x1 according to DIN EN 1434.



Important information to avoid human injuries and/or material damages:

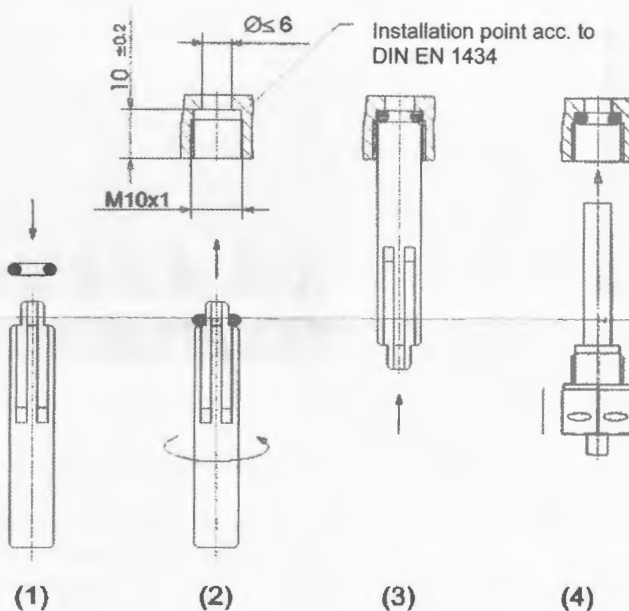
- Conduits of heating systems contain hot water and are under pressure (danger of scalding)! Conduits of chilling systems are also under pressure!
- Therefore, first of all, always set the operating handle of the ball valve to the position „Closed“ before mounting temperature sensors into ball valves or dismantling them (usually this position is at right angle to the flow direction, in any case pay attention to the particular marking)!
- If there are no shut-off valves, which have been closed, right beside the left and right side of tees, the pressure shall be discharged from the heating or cooling system before mounting or dismantling directly emerged temperature sensors!
- The permitted operating pressure for the half shell screwing is ≤ 16 bar!

Mounting:

1. Place enclosed O-ring (size 4.3 x 2.4) onto the mounting aid
2. With a rotary movement of the mounting aid, insert the O-ring in the installation point
3. Adjust the O-ring into its final position by using the other end of the mounting aid. Position the inner bar of the half shell screwing into the surrounding crimp of the protective sleeve of the temperature sensor (picture 1) and press the two half shells firmly together
4. Push the temperature sensor into the installation point and tighten the half shell screwing by hand up to the limit stop (**tightening torque 3 to 5 Nm**)

The use for installation points which don't comply with DIN EN 1434 takes place under the own responsibility of the user. In case of screw-in depths of less than 8 mm the mentioned tightening torque may also not be exceeded (the half shell screwing won't reach the limit stop)!

Afterwards put a sealing wire through the drilling of the half shell screwing, seal the installation point and check it concerning leak tightness.



Picture 1

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Sensus GmbH Ludwigshafen
Industriestraße 16
D-67063 Ludwigshafen
Phone: + 49 (0) 621 6904-1113
Fax: + 49 (0) 621 6904-1409
E-Mail: info.de@sensus.com