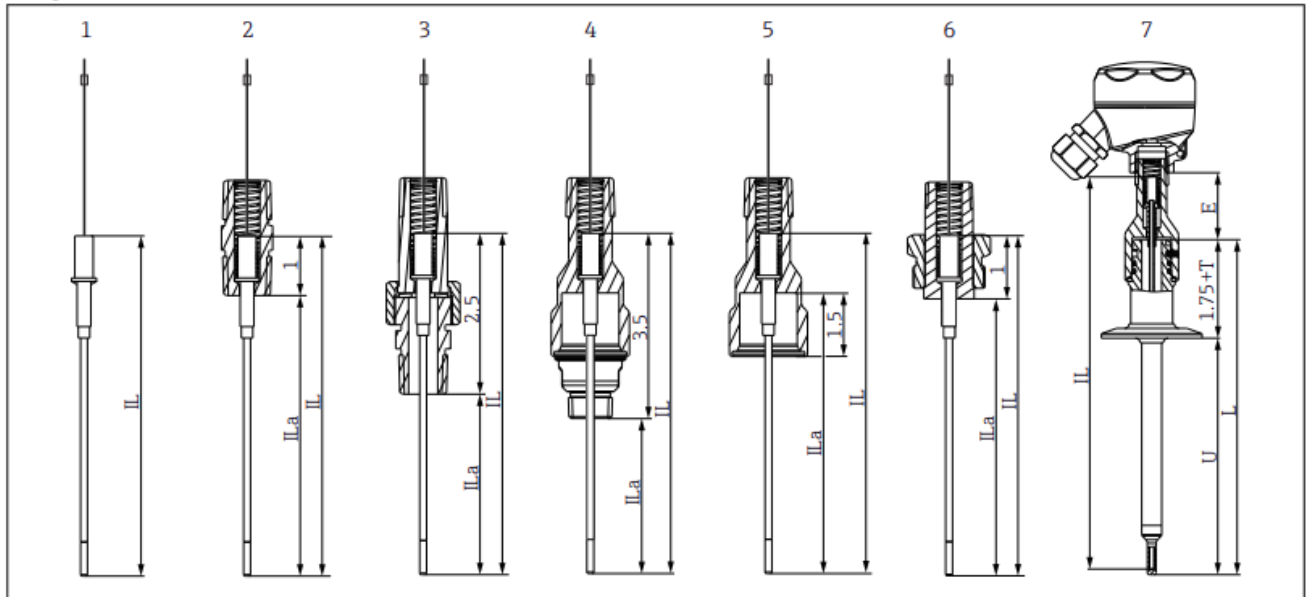


Mechanical construction

Design, dimensions



A0059502

3 Design of the iTHERM TS2 12

- 1 Insert without nipple
 - 2 Insert with Hex. nipple NPT 1/2"
 - 3 Insert with Nipple-Union-Nipple NPT 1/2"
 - 4 Insert with iTHERM QuickNeck NPT 1/2"
 - 5 Insert with iTHERM QuickNeck (upper half), to mount in existing thermowell with iTHERM Quick Neck
 - 6 Insert with Hex. nipple NPT 1/2" - 1 1/4" x 18 UNEF
 - 7 Complete thermometer TM412 with iTHERM QuickNeck NPT 1/2", neck separable - quick release to mount in existing thermowell
- E* Extension neck length
T Neck length of the thermowell
U Immersion length of the thermowell
L Thermowell length
IL Insert length
ILa Insertion length (insert length below nipple)

The prerequisite is that the insert length (IL) must be adapted to the thermowell. This can be calculated by means of the following formula: $IL = U + T + E + 38.1 \text{ mm (1.5 in.)}$.