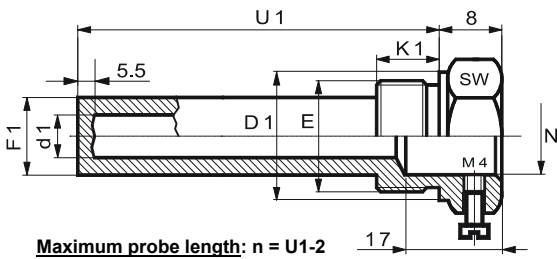
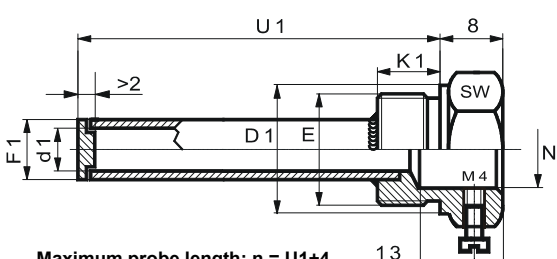


Threaded Thermowell with Fixing Screw BYPTS

| THERMOWELL WITH FIXING SCREW BYPTSx | | DIMENSIONS * | | | | | | | | |
|---|-------------------|--------------|-------------------|------|-----------|---------|---------|---------------------|-----------------|-------------------|
| Sheath - stainless steel (see Appendix - Sheath materials) Application - with temperature gauges and TS probes | | FORM | E | SW | N [mm] | D1 [mm] | K1 [mm] | d1 [mm] | d [mm] | F1 [mm] |
| BORED DESIGN (B)  <p>Maximum probe length: $n = U1-2$ Maximum pressure: 160 bar</p> | | 1 ** | M20x1.5; G1/2" | 27 | 14.5 **** | 26 | 15 | 7 / 9 / 11 | 6 / 8 / 10 | 13 / 15 / 17 |
| | | | 1/2" NPT | | | - | ≈ 20 | | | |
| | | 2 *** | M20x1.5; G1/2" | 22 | d1 | - | 15 | | | |
| | | | 1/2" NPT | | | - | ≈ 20 | | | |
| WELDED DESIGN (W)  <p>Maximum probe length: $n = U1+4$ Maximum pressure: 25 bar</p> | | 1 ** | M16x1.5; G3/8" | 22 | 14.5 **** | 21 | 13 | 6 / 8 / 9(10) | 5 / 6 / 8 | 8 / 10 / 12 |
| | | | 3/8" NPT | | | - | 15 | | | |
| | | | M18x1.5 | 24 | | 23 | 13 | 6 / 8 9(10) / 11 | 5 / 6 8 / 10 | 8 / 10 12 / 14 |
| | | | M20x1.5; G1/2" | 27 | | 26 | 15 | | | |
| | | | 1/2" NPT | | - | ≈ 20 | | | | |
| | | 2 *** | M16x1.5; G3/8" | 19 | d1 | 1 | 13 | 6 / 8 / 9(10) | 5 / 6 / 8 | 8 / 10 / 12 |
| | | | 3/8" NPT | | | | 15 | | | |
| | | | M18x1.5 | | | | 13 | 6 / 8 9(10) / 11 | 5 / 6 8 / 10 | 8 / 10 12 / 14 |
| | M20x1.5; G1/2" | 22 | 15 | | | | | | | |
| | 1/2" NPT | | - | ≈ 20 | | | | | | |
| <p>Free probe length: $n \geq U1+13$ Fixing screw: M4, stainless steel Maximum temperature: 450 °C * Other dimensions are available on request. Please contact BASI! ** for temperature gauges *** for TS probes **** gauge neck + 0.5 mm</p> | | | | | | | | | | |

Ordering code BYPTS* - G4.G6.G9.G10

| Code | Feature or option | Code values |
|------|--------------------------------------|--|
| * | Design | B1 - bored, FORM1, B2 - bored, FORM2, W1 - welded, FORM1, W2 - welded, FORM2 |
| G4 | Probe diameter 'd' [mm] | 5, 6, 8, 10 |
| G6 | Length 'U1' [mm] | 30...300 (see table above) ⁽¹⁾ |
| G9 | Connection thread 'E' ⁽²⁾ | X - none ⁽³⁾ , Q0 - M16x1.5, Q1 - M18x1.5, Q3 - G3/8", Q4 - G1/2", Q9 - 3/8" NPT, Q10 - 1/2" NPT, Z - other (specify!) ⁽³⁾ |
| G10 | Material | M1 - 1.4301, M2 - 1.4541 ⁽³⁾ , M3 - 1.4571 ⁽³⁾ , M9 - 1.4404 ⁽³⁾ |

⁽¹⁾ Other lengths are available upon request. Contact BASI!
⁽²⁾ Applicable for the selected probe diameter
⁽³⁾ Contact BASI!