
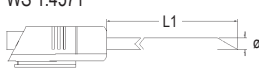
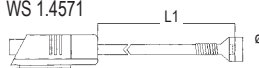

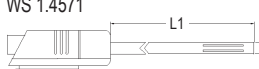


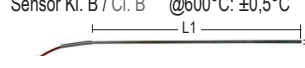



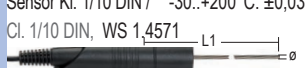



## Widerstands-Temperaturmessfühler / Resistance temperature probes

Pt100, gem. EN60751, 4-Leiter-Anschluss / Pt100, EN60751, 4-wire

P700 / P705 / P750 / P755 / P770 / P700-EX / P705-EX / P750-EX / P755-EX /  
P755-LOG / P755-LOG-EX / P770-LOG / P790 / T990 / P795 / T995

PRT (Pt100)

| Sensorklasse<br>sensor class   | typische Genauigkeit * /<br>typical accuracy*                       | Anschlussleitung<br>connecting cable   | Messbereich<br>Measuring range            | L1 x Ø mm  | t90  |                     |  |
|--|---|--|---|--|--|---------------------|--|
| Sensor Kl. B / Cl. B<br>WS 1.4571  | -30..+200°C: ±0,2°C   | Tauchfühler, mit Handgriff, mineralisiert<br>Immersion probe, with handle, mineral insulated   | PVC 1000 mm                               | -50°C ... +350°C   | 150 x 3,0<br>300 x 3,0<br>500 x 3,0              | 12<br>12<br>12      | <b>6000-1001</b> € 78,00<br><b>6000-1002</b> € 83,00<br><b>6000-1005</b> € 93,00                                 |
|    |   |  |   |  |  |                     |  |
| Sensor Kl. B / Cl. B<br>WS 1.4571  | -30..+200°C: ±0,2°C   | Einstechfühler, mit Handgriff<br>Insertion probe, with handle  | PVC 1000 mm                               | -50°C ... +350°C<br>-50°C ... +350°C                       | 150 x 4,0<br>300 x 4,0                           | 10<br>10            | <b>6000-1006</b> € 76,00<br><b>6000-1007</b> € 79,00   |
|    |   |  |   |  |  |                     |  |
| Sensor Kl. B / Cl. B<br>WS 1.4571  |   | Oberflächenfühler mit gefederter<br>Auflagefläche<br>Surface probe with buffer-block   | PVC 1000 mm                               | -40°C ... +200°C   | 150 x 6,0  | 45                  | <b>6000-1059</b> € 145,00  |
|    |   |  |   |  |  |                     |  |
| Sensor Kl. B / Cl. B<br>(Chip-Widerstand)  |   | Selbstklebender Oberflächenfühler, biegsam<br>Silikon-patch, 35 x 13 x 2 mm<br>Surface probe, self adhesive,<br>bendable silicone patch, 35 x 13 x 2 mm  | PVC 1000 mm                               | -20°C ... +200°C   |  | <3                  | <b>6000-1075</b> € 140,00  |
|    |   |  |   |  |  |                     |  |
| Sensor Kl. B / Cl. B<br>WS 1.4571  | -30..+200°C: ±0,2°C   | Luftfühler zur schnellen Messung von<br>Luft- und Gastemperaturen, WS 1.4571<br>Air probe for fast measurements of<br>air or gas temperature, WS 1.4571  | PVC 1000 mm                               | -50°C ... +250°C   | 250 x 4,0  | 7                   | <b>6000-1055</b> € 88,00   |
|   |   |  |   |  |  |                     |  |
| Sensor Kl. A / Cl. A<br>WS 1.4571  | -30..+200°C: ±0,2°C   | Tauchfühler, PTFE überzogen, chem. beständig<br>Immersion probe, PTFE coated, chemical resistant   |   | -100°C ... +260°C<br>-100°C ... +260°C                     | 300 x 8,0<br>500 x 8,0                           | 8<br>8              | <b>6000-1052</b> € 210,00<br><b>6000-1053</b> € 245,00   |
|    |   |  |   |  |  |                     |  |
| Sensor Kl. B / Cl. B   | -30..+200°C: ±0,2°C   | Hochtemperaturfühler<br>mit Handgriff, Inconel-Schutzrohr (kurzzeitig bis 600 °C)<br>High temperature probe, with handle, inconel tube (momentarily up to 600°C)   | PVC 1000 mm                               | -200°C ... +550°C  | 300 x 6,0  | 20                  | <b>6000-1056</b> € 235,00  |
|    |   |  |   |  |  |                     |  |
| Sensor Kl. B / Cl. B   | @600°C: ±0,5°C  | Hochtemperaturfühler, ohne Handgriff, WS 14571<br>getemperte Ausführung (5 Zyklen), typ. Jahresstab. 0,25 K<br>High temperature probe, without handle, WS 14571<br>Annealed execution (5 cycl.) typical annual drift 0.25 K  | Silikon 1500 mm                           | -80°C ... +650°C   | 400 x 6,0  | 20                  | <b>6000-1092</b> € 385,00  |
|    |   |  |   |  |  |                     |  |
| Sensor Kl. 1/3 DIN /<br>Cl. 1/3 DIN  | -30..+200°C: ±0,03°C  | Arbeitsnormal mit Edelstahlhandgriff und<br>Knickschutz, getemperte Ausführung<br>Reference standard with stainless steel handle and bent<br>protection spring, Annealed execution   | PFA 2000 mm                               | -40°C ... +500°C   | 300 x 4,0  | 15                  | <b>6000-1080</b> € 395,00  |
|    |   |  |   |  |  |                     |  |
| <b>Präzisionsfühler / High precision probes</b> siehe Grafik Systemgenauigkeit Seite 44 / see table system accuracy on page 44 |   |  |   |  |  |                     |  |
| Sensor Kl. 1/3 DIN /<br>Cl. 1/3 DIN<br>WS 1.4571   | -30..+200°C: ±0,1°C<br>-30..+200°C: ±0,03°C<br>-30..+200°C: ±0,03°C | Kabelfühler ohne Handgriff / Cable sensor without handle<br>Kabelfühler ohne Handgriff / Cable sensor without handle<br>Kabelfühler ohne Handgriff / Cable sensor without handle   | PFA 3000 mm<br>PFA 1600 mm<br>PFA 1600 mm | -30°C ... +200°C<br>-100°C ... +200°C<br>-100°C ... +200°C | 30 x 4,0<br>50 x 3,0<br>100 x 3,0                |                     | <b>6000-1021</b> € 82,00<br><b>6000-1088</b> € 98,00<br><b>6000-1089</b> € 108,00                                |
|    |   |  |   |  |  |                     |  |
| Sensor Kl. 1/3 DIN /<br>Cl. 1/3 DIN<br>WS 1.4571   | -30..+200°C: ±0,03°C  | Tauchfühler, mit Handgriff, mineralisiert<br>gewickelter Messwiderstand, Mantelleitung thermisch behandelt<br>Immersion probe, with handle, mineral insulated,<br>wounded resistor, mineral insulated  | Silikon 1500 mm                           | -200°C ... +450°C  | 150 x 3,0<br>300 x 3,0<br>300 x 1,5<br>300 x 6,0 | 12<br>12<br>5<br>20 | <b>6000-1018</b> € 120,00<br><b>6000-1019</b> € 130,00<br><b>6000-1023</b> € 160,00<br><b>6000-1078</b> € 170,00 |
|    |   |  |   |  |  |                     |  |
| Sensor Kl. 1/10 DIN /<br>Cl. 1/10 DIN, WS 1,4571   | -30..+200°C: ±0,03°C  | Tauchfühler, mit Handgriff, mineralisiert<br>gewickelter Messwiderstand, Mantelleitung thermisch behandelt<br>Immersion probe, with handle, mineral insulated, wounded resistor, mineral insulated   | Silikon 1500 mm                           | -200°C ... +450°C  | 150 x 3,0<br>300 x 3,0<br>300 x 6,0              | 12<br>12<br>20      | <b>6000-1073</b> € 175,00<br><b>6000-1074</b> € 185,00<br><b>6000-1084</b> € 205,00                              |
|    |   |  |   |  |  |                     |  |
| Sensor Kl. A / Cl. A<br>WS 1.4301  | -20..+200°C: ±0,2°C   | Tauchfühler zur Messung in flüssigen,<br>gasförmigen und pulvrigen Medien Rohrausführung nicht biegsam, ohne Handgriff,<br>WS 1.4301, Übergangshülse 30x10mm, inkl. Knickschutzfeder, 1500 mm Kabel<br>Immersion probe for measuring in liquid and powdered materials, Tube execution, not bendable, without handle, WS 1.4301,<br>Transition sleeve 30x10mm, Incl. bent protection spring and 1500 mm cable | PVC 1500 mm                               | -40..+400°C  | 300x4,0 mm                                       | 7                   | <b>6000-1036</b> € 90,00   |
|    |   |  |   |  |  |                     |  |

\* bei Eingabe v. Hex code in Verbindung P750/P755 Messgerät / when entering v. Hex code related P750 / P755 meter