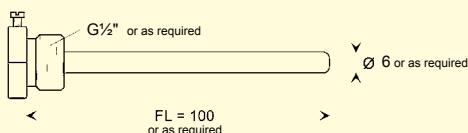
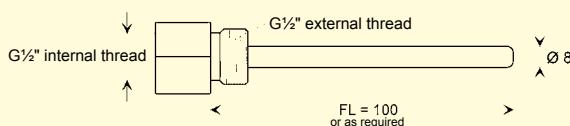


### 3. Immersion sleeve of stainless steel

#### 3.1. Immersion sleeve EST01 for all probes without thread .



#### 3.2. Immersion sleeve EST02 for all probes with a G1/2"-thread.



#### Basic price for 100mm

standard: G1/2", FL=100mm, outside-Ø = 6mm  
for probes with 5mm Ø  
customized lengths, diameters or threads are possible against upcharge - to be stated on order!

#### Basic price for 100mm

standard: G1/2" (internal/external), FL=100mm, outside-Ø = 8mm for probes with 6mm Ø  
customized lengths, diameters or threads are possible against upcharge - to be stated on order!

For faster heat exchange we suggest:

**GWL10G** heat-conductive paste 10g

### 4. Cables and lines:

#### 4.1. Silicone cable (max. 200°C) with teflon screened wires

**S2P**: silicone cable, 2-pole, highly flexible

price per meter  
price per meter

**S4P**: silicone cable, 4-pole, 4 x 0,14<sup>2</sup> cross section (insulation 2 x blue, 2 x white)  
(can also used as 3-wire)

#### 4.2. Glass silk insulated cable (max. 400°C) with stainless steel braiding

**G2P**: glass silk insulated cable, 2-pole

price per meter  
price per meter  
price per meter

**G3P**: glass silk insulated cable, 3-pole

**G4P**: glass silk insulated cable, 4-pole

#### 4.3. Teflon insulated cable (max. 250°C) with individual teflon insulated wires

**T2P**: teflon insulated cable, 2-pole

price per meter  
price per meter  
price per meter

**T3P**: teflon insulated cable, 3-pole, with additional cable screen

**T4P**: teflon insulated cable, 4-pole, with additional cable screen

#### 4.4. PVC-lines (max. 70°C)

**P2P**: PVC cable, 2-pole

price per meter  
price per meter  
price per meter

**P3P**: PVC cable, 3-pole

**P4P**: PVC cable, 4-pole

#### 4.5. Compensation lines for NiCr-Ni (type K), 2-wire

**AGL1**: Silicone cable (max. 200°C)

price per meter

**AGL2**: Teflon cable, screened (max. 200°C)

price per meter

**AGL3**: Thermo wire (can also be used as thermo couple) glass silk (max. 400°C)

price per meter

**AGL4**: Teflon screened twisted thermo wire, wire-Ø 0,2mm (max. 250°C)

price per meter

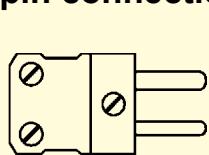
**AGL5**: Thermo wire, with glass silk braiding , wire-Ø 0,2mm (max. 400°C)

price per meter

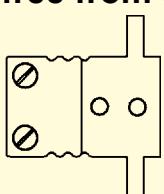
**AGL6**: Teflon cable, screened - can also be used as thermo couple (max. 250°C)

price per meter

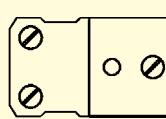
### 5. Flat-pin connections, free from thermal e.m.f. type K (NiCr-Ni) and type S (PtRh-Pt): (for operating temperature up to 200°C)



NST 1200  
NST 1700



NKU 1200 O  
U-coupling for installation in front panels



NKU 1200  
NKU 1700

NST1200 "K"  
NKU1200 "K"  
NKU1200 O "K" (max. 120°C)  
NST1700 "S"  
NKU1700 "S"

For higher temperatures use ceramic plug and coupling - price upon request.

### 6. Sensor elements: Pt100/1000, NTC's, PTC's, (NiCr-Ni p.r.t. pages 94-95):



#### Type:

Type:	Description, dimensions
Pt100/1	Ceramic lamina, 2 x 2.3 x 0.6 mm
Pt100/2	Ceramic lamina, 2 x 2.3 x 0.6 mm
Pt100/3	Ceramic lamina, 2 x 5 x 0.9 mm
Pt100/4	Wound design, Ø2 x 20 mm
Pt100/5	TO92-housing
Pt100/6	Ceramic lamina, 1 x 3 x 0.6 mm
Pt1000/1	Ceramic lamina, 2 x 4 x 0.9 mm
Pt1000/2	TO92-housing
Pt1000/3	Ceramic lamina, 1 x 3 x 0.6 mm
KTY 11-6	2kOhm (25°C), TO92 Mini-housing
KTY 81-121	1kOhm (25°C), TO92-housing
KTY 83-110	1kOhm (25°C), DO-34-housing
KTY 84-130	1kOhm (100°C), DO-34-housing

#### meas. range

-50 ... +500°C

B

-50 ... +500°C

1/3 DIN

-196 ... +500°C

B

-200 ... +600°C

B

-50 ... +150°C

B

-50 ... +500°C

B

-50 ... +400°C

B

-50 ... +150°C

B

-50 ... +500°C

B

-50 ... +150°C

B

-50 ... +175°C

B

-40 ... +300°C

#### tolerance

B

1/3 DIN

B

B

B

B

B

B

B

B

B

B

B

Other sensors upon request