

● Characteristics

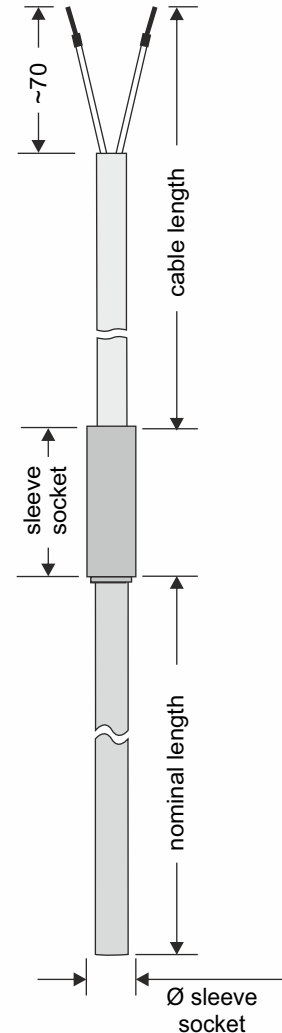
1 - TEMPERATURE - PROBE - RTD - SLEEVE SOCKET

Sensor:	Pt100 / Pt1000 / 2x Pt100 / 2x Pt1000 The operative temperature range is dependent on the selected connection cable.
Type:	2-wire / 3-wire / 4-wire
Accuracy:	class A / class B / B1/2 DIN / B1/3 DIN / B1/10DIN
Thermowell:	stainless steel 1.4571
Ø Thermowell:	4 / 5 / 6 mm
Nominal length:	standard: 25 mm (Ø4) / 45 mm (Ø4) 45 mm (Ø5) / 41 mm (Ø6) / 65 mm (Ø6) maximum length: 200 mm option: according to details
Connection cable:	PVC-PVC / PTFE-silicone / PTFE-PTFE / PTFE-braiding-PTFE / Fiberglass-Fiberglass-stainless steel braiding (2x 4-wire only possible with PTFE-silicone)
Connection:	open ends, end splice, 70 mm option: other length
Cable length:	standard: 2 m option: according to details (max. 6 m)
Sleeve socket:	inset with potting
Protection:	IP65 (up to 250 °C) not for stainless steel braiding
Insulating resistance:	test voltage 300 VDC
Mineral insulator:	without
Response time:	thermowell 6x0,5 mm: t90: 20 s / t50: 5 s



Type approval
TAA00002H5

all dimensions in mm

**Thermowell and wall:**

Standard: 25 mm (Ø4 x 0,25) / 45 mm (Ø4 x 0,25) / 45 mm (Ø5 x 0,4) / 41 mm (Ø6 x 0,4) / 65 mm (Ø6 x 0,4)
Options: 4x0,3 / 4x0,5 / 5x0,5 / 6x0,5 / 6x1 mm

Connection cable:

PVC-PVC: 2x0,5 mm² / PTFE-silicone: 2x0,22 mm² and 4x0,22 mm² / PTFE-PTFE: 2x0,12 mm² and 4x0,22 mm²
PTFE-braiding-PTFE: 2x0,22 mm² and 4x0,22 mm² / PTFE single wire: 1x0,22 mm² (rd, wh)
Fiberglass-Fiberglass-SS braiding: 4x0,22 mm²

Maximum operative temperature range:

Sensor RTD: -200...+450 °C
Thermowell: stainless steel 1.4571 (316Ti): up to 600°C
Connection cable: PVC: -5...70°C / silicone: -45...180°C / PTFE: -75...205°C /
Fiberglass/stainless steel braiding: -60...550°C

Product code: KV		
Sensor 4 1x PT100 5 1x PT1000 6 2x PT100 7 2x PT1000	<input style="width: 30px; height: 20px;" type="checkbox"/>	
Type 0 2-wire 1 3-wire 3 4-wire	<input style="width: 30px; height: 20px;" type="checkbox"/>	
Accuracy 0 class A 1 class B 2 B1/2 DIN 3 B1/3 DIN 4 B1/10DIN	<input style="width: 30px; height: 20px;" type="checkbox"/>	
Material thermowell 0 stainless steel 1.4571	<input style="width: 30px; height: 20px;" type="checkbox"/>	
Ø thermowell 0 4 mm 1 5 mm 2 6 mm	<input style="width: 30px; height: 20px;" type="checkbox"/>	
Nominal length 0 25 mm (Ø4) 1 41 mm (Ø6) 2 45 mm (Ø4) 3 45 mm (Ø5) 4 65 mm (Ø6) 5 other length (maximum 200 mm)	<input style="width: 30px; height: 20px;" type="checkbox"/> mm	
Sleeve socket please indicate	x mm Ø sleeve socket length	
Connection cable 0 PVC/PVC 1 PTFE/silicone 2 PTFE/PTFE 3 PTFE/braiding/PTFE 4 F-glass/F-glass/ss braiding	<input style="width: 30px; height: 20px;" type="checkbox"/>	
Connection 0 open ends (standard 70 mm) 1 open end (other length)	<input style="width: 30px; height: 20px;" type="checkbox"/> mm	
Cable length 0 2 m 1 other length (max. 6 m)	<input style="width: 30px; height: 20px;" type="checkbox"/> mm	
Used temperature range please indicate	- °C	