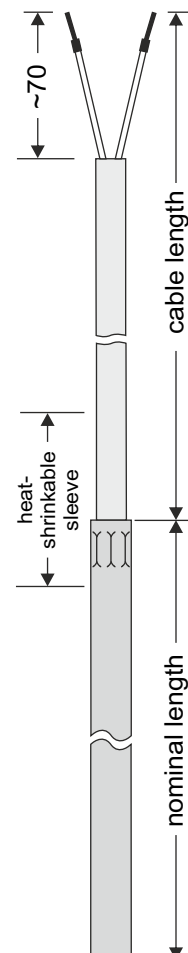


Resistance Thermometer Cable Sensor

Characteristics

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
Protective sheath:	stainless steel 1.4571
Ø Protective sheath:	4 / 5 / 6 mm wall thickness: 0,25....1 mm
Nominal length:	standard: 30 mm (Ø4) / 50 mm Ø4) 50 mm (Ø5) / 46 mm (Ø6) / 70 mm (Ø6) maximum length: 2000 mm option: according to details
Connection cable:	PVC-PVC / PTFE-silicone / PTFE-PTFE / PTFE-braiding-PTFE / Fibreglass-Fibreglass-stainless steel braiding (2x 4-wire only with PTFE-silicone)
Connection:	open ends, end splice, 70 mm option: other length
Cable length:	standard: 2 m option: according to details
Antikink:	heat-shrinkable sleeve option: spring
Well to cable:	hexagonal crimp option: ring crimp
Protection class:	IP65 (up to 250 °C) not for stainless steel braiding
Insulation resistance:	test voltage: 500 VDC
Insulant:	without
Response time:	well 6x0,5 mm: t90: 30,9 s / t50: 12 s well 6x1 mm: t90: 22,1 s / t50: 7,6 s

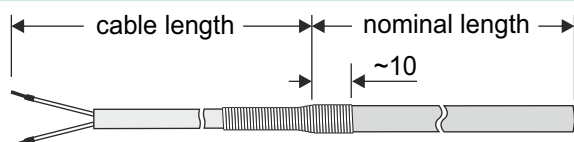
all dimensions in mm



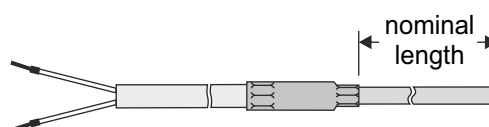
Pin Assignment

	Cable coding translation:	2-wire	3-wire	4-wire
	ws: white			
	rt: red			
Cable, n-pole (DIN 60751)		rtws	rt rtws	rt rtws ws

Option antikink



Adapter sleeve



Order Code for ID: KW

Sensor

- 0 1x PT100
 1 1x PT1000
 2 2x PT100
 3 2x PT1000

☐**Type**

- 0 2-wire
 1 3-wire
 2 4-wire

☐**Accuracy**

- 0 class A
 1 class B
 2 B1/2 DIN
 3 B1/3 DIN
 4 B1/10DIN

☐**Material thermowell**

- 0 stainless steel 1.4571

☐**Ø thermowell**

- 0 4 mm
 1 5 mm
 2 6 mm

☐**Nominal length**

- 0 30 mm (Ø4)
 1 46 mm (Ø6)
 2 50 mm (Ø4)
 3 50 mm (Ø5)
 3 70 mm (Ø6)
 5 other length

☐

mm

Connection cable

- 0 PVC/PVC
 1 PTFE/silicone
 2 PTFE/PTFE
 3 PTFE/braiding/PTFE
 4 F-glass/F-glass/ss braiding

☐**Connection**

- 0 open ends (standard 70 mm)
 1 open ends (other length)

☐

mm

Cable length

- 0 2 m
 1 other length

☐

mm

Cable protection

- 0 shrinkable sleeve
 1 antikink spring

☐**Special model**

- 0 customized (please indicate)
 (eg Ø9 mm, sensor Ni100)

☐**Used temperature range**

please specify

-

°C

Maximum operating 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...250°C /
 Fibreglass/stainless steel braiding: -60...550°C