

**CABLE TEMPERATURE
RESISTANCE
PROBE TYPE:**

KN



Description of the probe:

The probe consists of a connection cable and protection tube (brass tube with 6x6mm cross-section and 60mm length) in which temperature sensor (Pt 100, Pt 1000 etc.) is inserted.

Temperature sensor is merged with connection cable and inserted in protection tube. The probe is suitable for measuring temperature in pipelines or other areas where we can not interfere with the medium of which temperature we want to measure.

Operation temperature of the probe is determined with the insulation of connection cable.

Sensor features:

Sensors which can be implemented into the probe:

- Pt 100
 - tolerance class A*
 - tolerance class B*
 - two-wire implementation
 - three-wire implementation
 - four-wire implementation
- Pt1000
 - tolerance class B*
 - two-wire implementation
- NTC 10K
- KTY 81
- Ni1000, 5000 ppm/K
- Ni1000, 6178 ppm/K

(look at the ordering table)

* according to DIN EN 60751

External features of the probe:

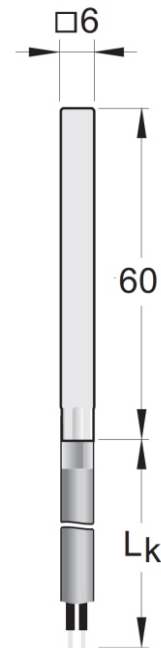
Protection tube is made out of brass..

Cross-section of protection tube 6x6 mm.

Length of the probe 60 mm.

Connection cable length (Lk) is custom.

Image and dimensions of the probe:



Operating conditions:

Temperature

Operation temperature is determined with the insulation of connection cable:

Cable insulation	Ordering code	Temperature interval (°C)
PVC	P	-20 / +105 °C
Silicone	Si	-50 / +180 °C
Teflon	T	-200 / +270 °C
Fiberglass with steel overbraids	SVo	-50 / +400 °C

(refer to ordering table)



www.termomer.com

ELEKTRONIKA PAHOR d.o.o.

Brnciceva 9a

1231 Ljubljana-Crnuce

SI-Slovenia, Europe

tel: +386 (0)1 561 51 20

fax: +386 (0)1 561 13 308

info@termomer.com