

**CABLE TEMPERATURE
RESISTANCE
PROBE TYPE:**

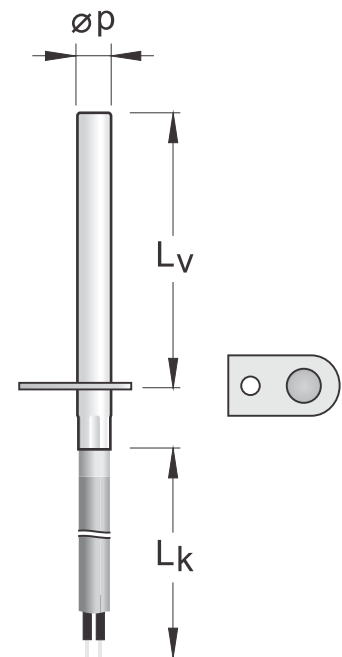
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Description of the probe:

The probe consists of a connection cable and protection tube (diameter Φp length L_v) in which temperature sensor (Pt 100, Pt 1000 etc.) is inserted. Mounting hole with $\Phi 6$ mm diameter screw opening is welded onto protection tube of the probe. Temperature sensor is merged with connection cable and inserted in protection tube.

Because of its quick mounting it is suitable for mounting in the walls of air ducts and chambers.

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

Image and dimensions of the probe:

Sensor features:

Sensors which can be implemented into the probe:

- Pt 100
 - tolerance class A*
 - tolerance class B*
 - three-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 AISI 403 (DIN 1.4024) steel.

Probe length (L_v) can be:

- 30 mm
- 40 mm
- 50 mm
- 80 mm
- 100 mm
- 150 mm

(refer to the ordering table)

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)

Probe diameter (Φp) can be:

- 6 mm
- *po dogovoru s stranko*

(refer to the ordering table)

Connection cable length (L_k) is custom.



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