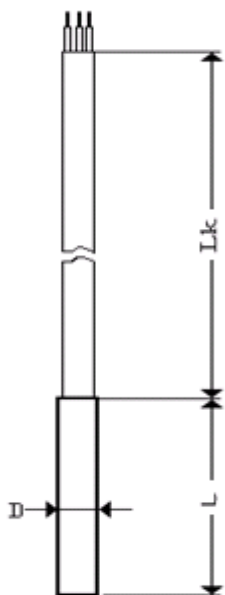


# Temperature sensor TJ1, TJ1...FL with flange

## TECHNICAL DATA

### TJ1



<b>Measuring range:</b>	-30...+180°C; -30...+250°C; -30...+400°C
<b>Resistive sensor:</b>	Pt100, Pt1000 (DIN IEC 751), Ni100, Ni120, Ni1000
<b>accuracy</b>	class A or B (IEC 751)
<b>max. current</b>	for Pt100 and Pt1000 sensors 1 mA
<b>Thermocouple:</b>	K, J

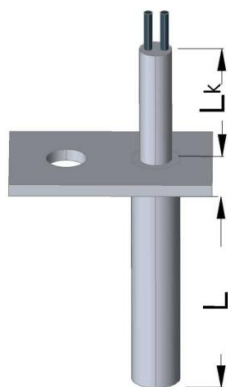
<b>Protection tube:</b>	
<b>material</b>	- stainless steel AISI303(1.4305), AISI304(1.4301)
<b>diameter D</b>	Ø 4, 5, 6 or on request
<b>length L</b>	Ø4 x 25 mm or on request Ø5 x 25; 40 mm or on request Ø6 x 25; 40 mm or on request

**Electrical connection:** 2-wire/ 3-wire

**Cable:**

**length Lk** 0,9 m or on request

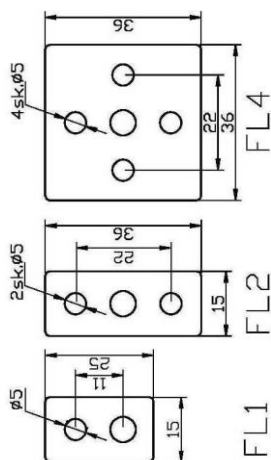
### TJ1...FL



<b>isolation</b>	- silicone rubber (SIL) - teflon (FEP) - fibreglass (G)
<b>cable's shield</b>	- tin-plated copper (CuZn) - stainless steel (SS)
<b>Protection class:</b>	IP65

	TJ1	-	/	-	X	-	-	X		
Type										
Sensor's type: Pt100, Pt1000 / K,J / XX										
Accuracy class: A , B										
Diameter of protection tube, D mm: Ø4, 5, 6 or on request										
Length of protection tube, L mm: 25, 40 or on request										
Material of protection tube: S - stainless steel										
Electrical connection: 2-wire / 3-wire										
Length of cable, Lc m: 0,9 or on request										
Isolation of cable: silicone rubber (SIL), teflon FEP, PVC, GLGLP fibreglass										
Cable's shield: CuZn – tin-plated copper, SS – stainless steel										

**Ordering example:** TJ1-Pt100/B-4x25-2x0,9SIL-CuSn. Temperature sensor with Pt100 class B sensor, diameter of protective tube - 4 mm, length - 25 mm, 2- wire, length of cable – 0.9 m, isolation – silicone rubber, cable's shield - CuSn.



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