

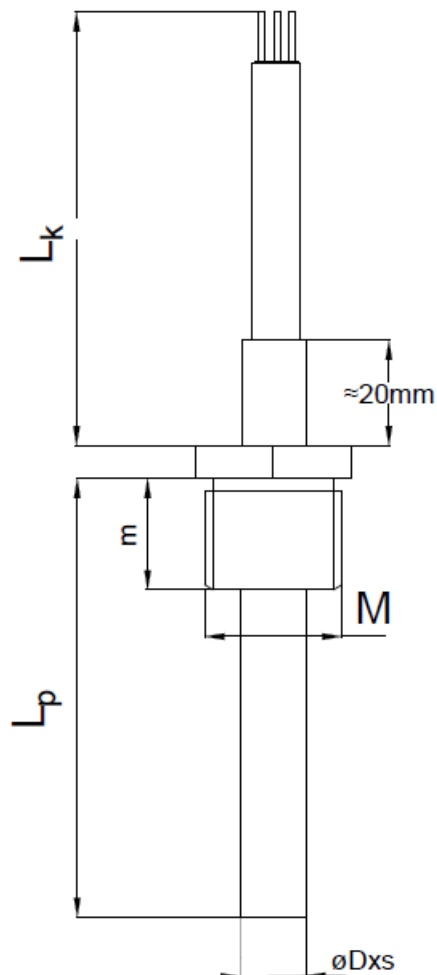
Temperature sensor TJ-4

Temperature sensor TJ-4 is suitable to measure the surface temperature of various machines and their modules. Protection tube immersion depth, diameter, material and measurement insert parameters are customizable.

Technical information

Dimensions and treads

D x s	M	m
4 x 0.35	M6	7
4 x 1	M8	
5 x 0.35	M10	11
6 x 1	M12 x 1	
8 x 1.5	G¼	14
10 x 1,5	M14 x 1,5	
12 x 2	M16 x 1,5	15
14 x 2	G½	
15 x 2	M27 x 2	16
	G¾	



Temperature sensors

Pt	Ni	NTC	PTC	Termocouple
Pt100 Pt1000	Ni100 Ni120 Ni1000	10k	PTC1000 PTC2000 KTY81/110 KTY81/210	K J L N S T B E N

Temperature sensor TJ-4

Product code

		Sensing element quantity	
		no designation	Single Pt100/B, K, J...
1	<input type="text"/>	2	Double Pt100, K, J...
		Sensing element	
		Pt100	Pt100
		K	K type thermocouple
2	<input type="text"/>		other parameters acc. to requirements
		Accuracy	
		A or B	for measuring resistor (Pt100 and Pt1000)
		1 or 2	for thermocouple
3	<input type="text"/>		other parameters acc. to requirements
		Protection tube diameter, ϕD	
		6	$\phi 6$ mm
		8	$\phi 8$ mm
4	<input type="text"/>		other parameters acc. to requirements
		Protection tube length, L_p	
		50	50 mm
		100	100 mm
5	<input type="text"/>		other parameters acc. to requirements
		Dimension of process connection thread M	
		G1/4	G1/4"
		G1/2	G1/2"
6	<input type="text"/>		other parameters acc. to requirements
		Protection tube material	
		304	Stainless steel AISI 304
		316L	Stainless steel AISI 316L
7	<input type="text"/>		other parameters acc. to requirements
		Measurement circuit (for resistor)	
		2	2-wire
		3	3-wire
		4	4-wire
8	<input type="text"/>		other parameters acc. to requirements
		Lead wire type	
		PVC	PVC -30...105 °C
		S	Silicon -50...180 °C
		T	Teflon -50...250 °C
		G	Fiberglass -50...400 °C
9	<input type="text"/>		other parameters acc. to requirements
		Lead wire length, L_k	
		1	1 m
		3	3 m
10	<input type="text"/>		other parameters acc. to requirements

		1	2	3	4	5	6	7	8	9	10
TJ-4	-			/		-	x		-		-

E.g.: **TJ-4-PT100/B-5x50-G1/2-304-3S1**

Temperature sensor **TJ-4** with **PT100** class **B** sensor, protection tube **$\phi 5 \times 50$ mm**, dimension of process connection tread **G1/2"**, protection tube material **1.4301**, measuring circuit **3-wire**, lead wire type **S** (temperature range **-30...180 °C**), lead wire length **1 m**.