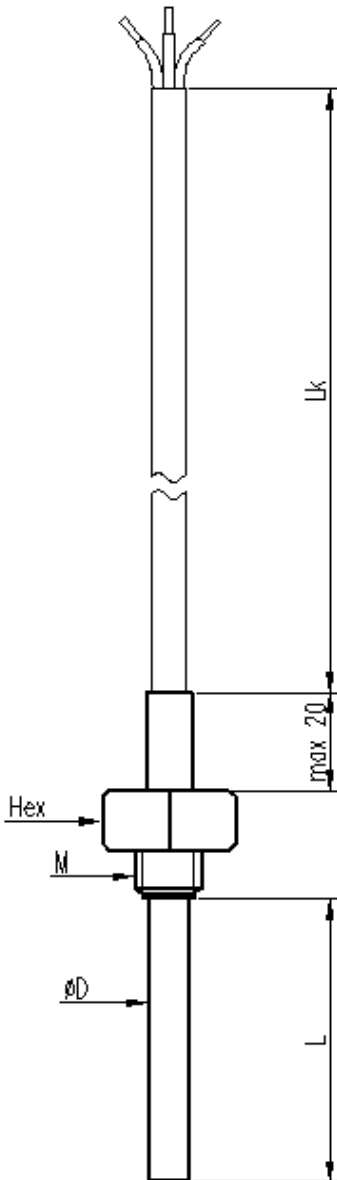


Temperature sensor TJ4

Technical data



Measuring range:

- Thermoresistive (TJ4-Pt):

250°C; cable -30÷70°C (PVC isolation)

250°C; cable -30÷180°C (SIL isolation)

- Thermocouple (TJ4-K,J):

400°C; cable -50÷250°C (teflon FEP)

400°C; cable -50÷400°C (fibreglass G)

Sensor:

Pt100, Pt1000 (DIN IEC 751), K, J (IEC 584)

accuracy

class A or B (IEC 751), cl.2 (IEC 584)

max current

1 mA

Protection tube:

material

stainless steel (S) AISI304 (1.4301), brass (B)

diameter D

Ø 4; 6; 8 or 10 mm

length L

12; 20; 50 mm or on request

Process connection:

M6; M10x1; G¹/₄"; M20x1,5; G¹/₂"

Cable:

electrical connection:

2-wire / 3-wire or on request

length Lk

0,9 m or on request

isolation

- silicone rubber (SIL)

- teflon FEP (D=Ø5, Ø6)

- fibreglass (G)

cable's shield

- tin-plated copper (CuZn)

- stainless steel (SS)

Protection class:

IP65

	TJ4	-	/	-	x	-	-	-	x
Type									
Sensor's type: Pt100, Pt1000 / K, J / XX									
Accuracy: A, B / cl.2									
Protection tube's diameter, D mm: Ø4, Ø6, Ø8, Ø10									
Protection tube's length, L mm: 12, 20, 50									
Process connection: M6; M10x1; G ¹ / ₄ "; G ¹ / ₂ "; M20x1,5									
Protection tube's material: S, B									
Electrical connection: 2-wire / 3-wire									
Cable's length, Lk m: 0,9 or on request									
Cable's isolation: silicone rubber (SIL), teflon FEP, PVC, G									
Cable's shield: CuZn – tin-plated copper, SS–stainless steel									

Ordering example: **TJ4-Pt100/B-4x20-M6-B-2x0,9SIL**. Temperature sensor with Pt100, class B, diameter of protection tube - 4 mm, length - 20 mm, process connection thread - M6, material – B(brass), 2-wire, cable's length - 0,9 m, isolation – silicone rubber.



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