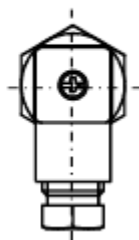
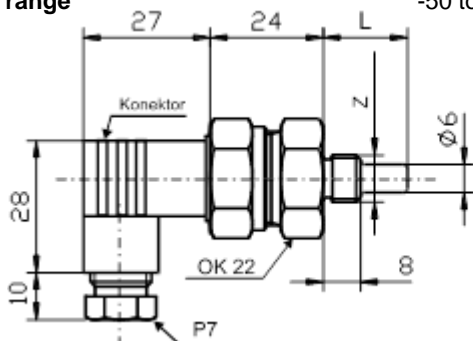


## TEMPERATURE SENSOR TSK 10

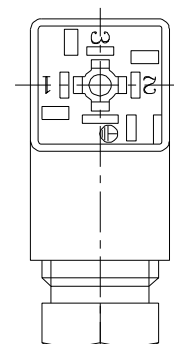
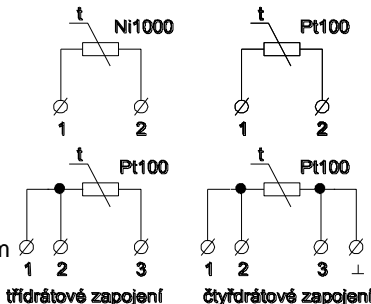
- Gauging sensor** Pt100, Ni1000
- Maximal overpressure** 2 MPa
- Degree of coverage** IP 65
- Gauging range** -50 to 150 °C



This temperature sensor is designed to be screwed in with connector and it is made for measuring all the types of substances in various spheres of industry, where the temperature range and maximal overpressure are sufficient. The sensor is sunk in heat conductive material in the casing. The sensor connection can be made for 2, 3 or 4 wired. The casing and the union nut are made from stainless steel 17240. The connector enables easy disconnection of incoming line wires.

### TECHNICAL SPECIFICATION

- Measuring range** -50 °C to 150 °C
- Working temperature for connector** -40 °C do 125 °C
- Measuring current** max. 5 mA
- Maximal working overpressure** 2 Mpa
- Response duration - air ( $\tau = 0,5, 1\text{ms}^{-1}$ )** 40s
- Response duration - oil ( $\tau = 0,5, 0,2\text{ms}^{-1}$ )** 15s
- Max. diameter of connecting wires** 0,75 mm<sup>2</sup>
- Recommended diameter of connecting wires** 3,5 to 6 mm
- Degree of coverage** IP 65
- Long-term time stability (10 000h/150 °C)** 0,05%
- Sensors** Ni1000 (5000 ppm / °C), Ni1000 (6180 ppm / °C), Pt100 – A (3850 ppm / °C), Pt 100-B (3850 °C)



### ORDER PROCESS

TYPE	SENSORS	SENSOR CONNECTION	CONNECTION OIL	SPECIFIED LENGTH(MM)	Nr.pieces
TSK10	Ni1000(6180)	2D (2 wires)	M10x1	20	
	Ni1000(5000)	3D (3 wires)	M12X1,5	30	
	Pt100-A	4D (4 wires)	G1/4"	50	
	Pt100-B		G1/2"		
<b>TSK10</b>	<b>Pt100-A</b>	<b>2D</b>	<b>M10x1</b>	<b>20</b>	<b>10</b>

Equipment: welded on TSK 10 (iron or stainless steel)