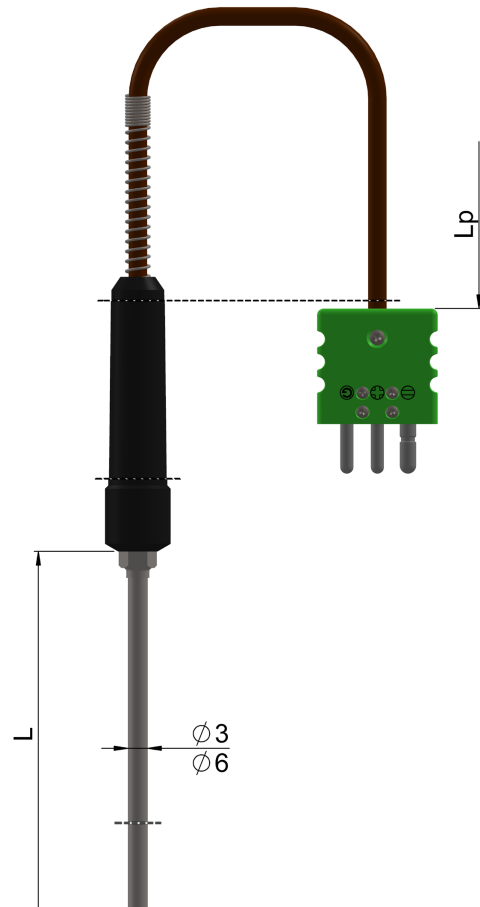


Czujniki płaszczowe rezystancyjne ▼

Technical description

Measuring range / sensing element		
(-50 ÷ 500) °C	Pt100	class B; ø3
(-200 ÷ 600) °C	Pt100	class B; ø6
Thermowell		
– material: steel 1.4571		
– diameter d [mm]: ø3, ø6		
– length L [mm]: 100÷1500		
– min. bending radius [mm]: 3xd (above L=50 mm)		
Construction version		
– plastic handle max. working temperature 80 °C		
Wire		
– Cu wire: 3x0,22 mm ² in double silicone insulation		
– length L _p =1,5m (standard)		
Options		
– other lead wire insulation types: teflon, armour, fiberglass		
– Pt100: class A (-30 ÷ 200) °C, class AA (0 ÷ 150) °C		
Additional accessories		
– flat miniature plug, 3-pin type – p. 198÷199		



Response time T05/T09

Sensor type	ø9	ø11
Pt	≤33/≤95	≤40/≤120
J, K insulated junction	≤22/≤62	≤a27/≤90
J, K grounded junction	≤3/≤8	≤6/≤15

Resistors tolerance acc. to PN-EN 60751

Class	Wire wound resistor	
	Range [°C]	Tolerance [°C]
AA	(-50÷250)	±(0,1+0,0017· t)
A	(-100÷450)	±(0,15+0,002· t)
B	(-196÷600)	±(0,3+0,005· t)

Ordering code

Temperature sensor	PTR-1 - ... - ... - ... - ... - ... - ...
Thermowell diameter dx10 [mm]	30, 60*
Resistor class	A, B*
Measuring circuit	3, 4
Sensor length L [mm]	200*
Cable length L _p [m]	1,5m*
Additional accessories: mini plug 3-pinowa	W

* or others acc. to requirements

Ordering example

PTR-1-60-B-3-250-1,5m sensor with Pt100, class B, 3-wire connection, sheath diameter ø6 mm, length L= 250 mm, lead wire length L_p=1,5m

PTR-1-30-B-3-500-2m-W sensor with Pt100, class B, 3-wire connection, sheath diameter ø3 mm, length L=500 mm, lead wire length L_p= 2m terminated 3-pini miniature plug