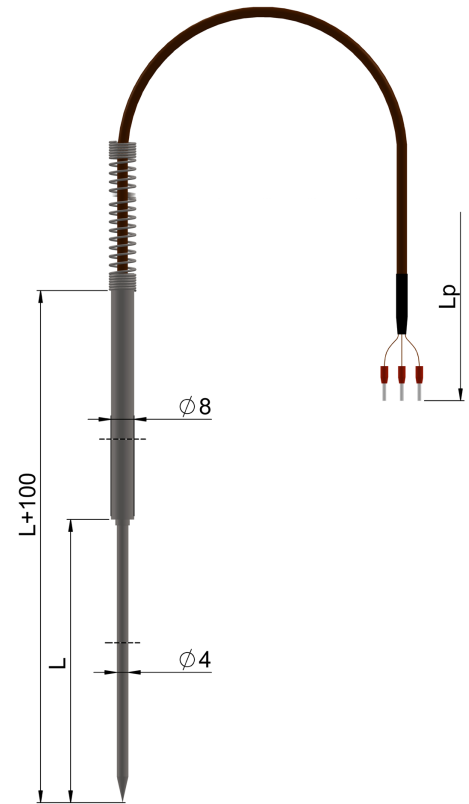


Temperature sensors for food industry **TOPE-414**

Technical description

Measuring range / sensing element		
(-50 ÷ 200) °C	Pt100	class B
Thermowell		
– material: steel 1.4541		
– sheath length L [mm]: 50÷1000 (standard 100 mm)		
– the pointed tip makes it easier to penetrate loose materials and plastics		
Construction version		
– handle material: steel 1.4541		
– for use in the food industry		
– PZH approval		
Wire		
– Cu wire: 3x0,25 mm ² in double silicone insulation and inner metal braided		
– length L _p =1,5m (standard)		
Options		
– Pt500, Pt1000, Ni100, Ni1000		
– Pt100: class A (-30 ÷ 200) °C, class AA (0 ÷ 150) °C		
– double execution, stranded Cu wire 6x0,22 mm ²		



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	TOPE-414	-	...	-	...	-	...
Resistor type	Pt100*						
Resistor class				A, B*			
Sheath length L [mm]						100*	
Cable length L _p [m]							1,5m*

* or others acc. to requirements

Ordering example

TOPE-414-Pt100-200-A-2m sensor with Pt100, class A, 3-wire connection, sheath length L=200 mm, lead wire length L_p = 2m