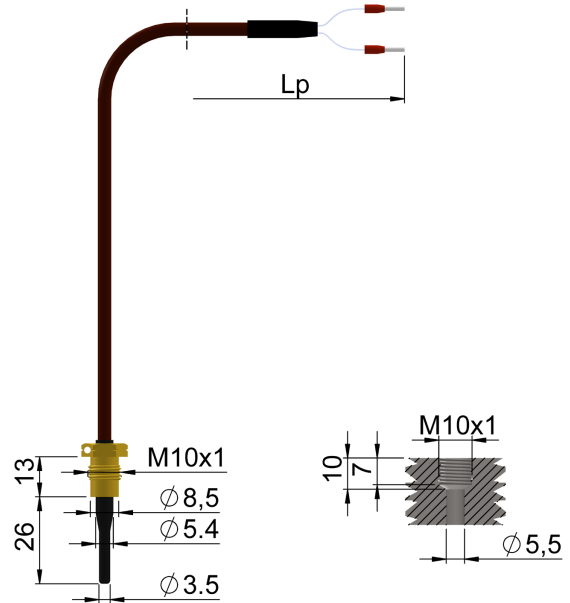


Temperature sensors for heating systems and heat engineering **TOPE-L0384**

Technical description

Measuring range / sensing element		
(-50 ÷ 180) °C	Pt100, Pt500	class B
Thermowell		
– material: steel 1.4541 – with narrowing – installation in special valve seats, tees		
Wire		
– Cu wire: 2, 3, 4x0,22 mm ² in double silicone insulation – length L _p = 3m (standard)		
Options		
– Pt1000, Ni100, Ni1000 – Pt100: class A (-30 ÷ 180) °C, class AA (0 ÷ 150) °C		



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-L0384	- ... - ... - ... - ...
Resistor type	Pt100*	
Resistor class		A, B*
Measuring circuit for RTD		2, 3, 4
Cable length L _p [m]		1,5m*

* or others acc. to requirements

Ordering example

TOPE-L0384-Pt500-A-3-2m sensor with Pt500, class A, 3-wire connection, lead wire length L_p = 2m

TOPE-L0384-Pt100-B-2-1,5m sensor with Pt100, class B, 2-wire connection connection cable length L_p = 1,5m