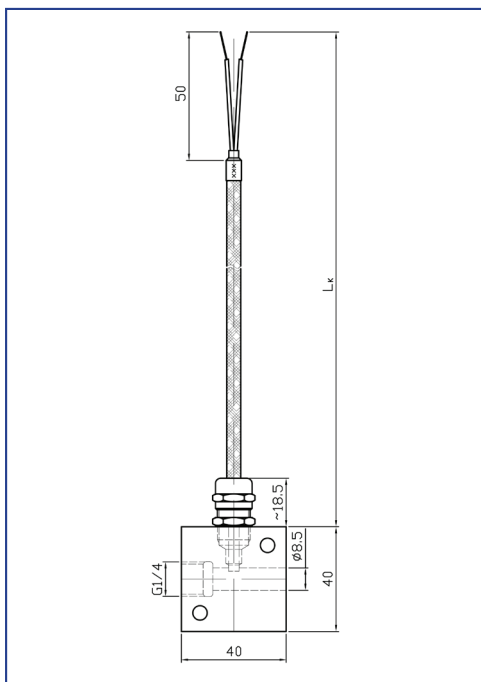


TOP-SpWKbm-50-S

Resistance Thermometer Pt100 with radiator (shockproof)

Resistance thermometer type TOP-SpWKbm-50 has been designed for temperature measurement in the range of -50°C to +150°C, using shock-proof resistor Pt100.

The thermometer is commonly used in tire industry.



Technical specification

RTD type	Version	Characteristic	Measuring range	Accuracy class	Max. sensor current	Lead wire config.
1xPt100	shockproof	acc. EN-60751	-50°C...+150°C	B	8 mA	3 wire

Radiator dimensions [mm]	Material acc. DIN/AISI	Connection thread
40 x 40 x 20	1.4301/304	G1/4"

Configuration	Dimension	Connection Cable Type	Insulation	Temp. limits
3 wire	ø 4,4	L4TDS-4x0,25mm2	teflon, screen, silicone	+180°C

Non-standard models available.

Ordering Information

TOP-SpWKbm-50-S	A	B	C	D	E	F	G	H
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A Resistor
1xPt100 Single Pt100

B Class
B B

C Radiator material
1.4301 1.4301 / 304

D Connection thread
G1/4 G1/4"

E Lead wire configuration and cable type
3p-L4TDS 3 wire (L4TDS-4x0,25mm2)

F Cable length L_k
specify in mm

G Operating temperature
specify in °C

H Version
W Shockproof (thin-film element)

Ordering Example

TOP-SpWKbm-50-S-1xPt100-B-1.4301-G1/4-3p-L4TDS-2000-100-W

stands for: Resistance thermometer with radiator, with resistor 1xPt100 class B, radiator material 1.4301, thread G1/4", configuration 3-wire, cable type L4TDS, length $L_k=2000$ mm, operating temp. up to +100°C, shockproof (sensor version (thin-film element))