

Cable thermocouple temperature sensor at bayonet

SFBA K

■ Sensor features

- Thermocouple types T, J, K, N and S.
- Measuring range **from -50°C to +400°C**
- Mounting stainless steel contact tip 316 L

■ Technical features

Working temperature.....from -40°C to +350°C for Tc T
 from -40°C to +400°C for Tc J
 from -40°C to +550°C for Tc K

Accuracy for class 1.....See "Tolerances" table

Storage temperature.....from -20°C to +80°C

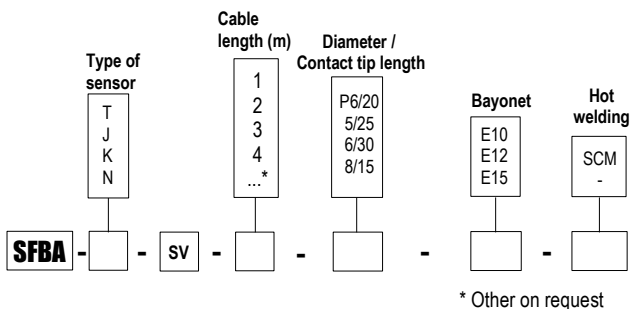
Contact tip.....316 L stainless steel.
 5/25 : 5 mm Ø and 25 mm length
 6/30 : 6 mm Ø and 30 mm length
 8/15 : 8 mm Ø and 15 mm length
 P6/20: 6 mm Ø and 8 mm length

Cable.....output by shielded stainless steel glass silk cable.
 2 conductors of 0,22 mm².
 Measuring range : from -50°C to +400°C

Bayonet.....bayonet fitting (2 spins)
 Nickel faced brass , for base of 10, 12 or 14 mm Ø
 To screw on spring of 200 mm.

■ Part numbers

To order, just add the codes to complete the part number.

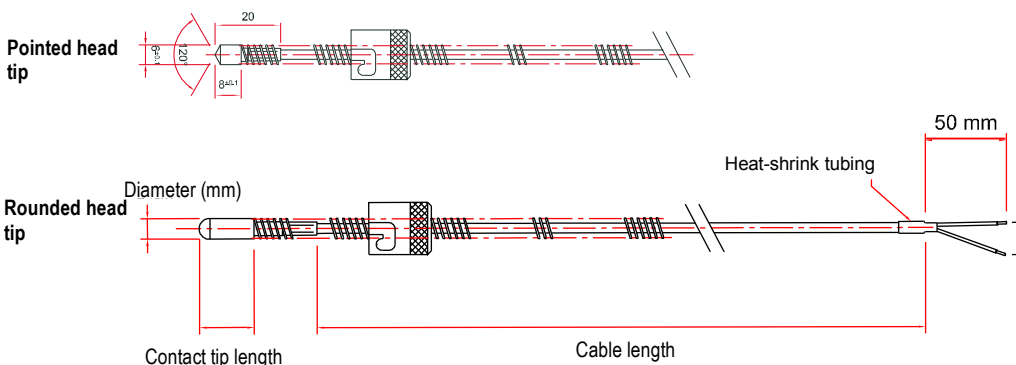


Example : SFBAK-SV-3-630-E12-SCM

Model : Thermocouple type K temperature sensor at bayonet welded to earth. Contact tip 6mm Ø and 30mm length mounted on glass silk cable 3 m length. Bayonet for 12 mm base.

Measuring range from -50 to +400°C.

■ Dimensions



■ Tolerances of the probe

TC	Measuring range Class 1	TOLERANCE
T	From -40°C to +350°C	From -40°C to +125°C $\pm 0.5^\circ\text{C}$ From 125°C to +350°C $\pm 0.004 \times T^\circ\text{abs}$
J	From -40°C to +750°C	From -40°C to +375°C $\pm 1.5^\circ\text{C}$ From 375°C to 750°C $\pm 0.004 \times T^\circ\text{abs}$
K	From -40°C to +1000°C	From -40°C to +375°C $\pm 1.5^\circ\text{C}$ From 375°C to 1000°C $\pm 0.004 \times T^\circ\text{abs}$
N	From -40°C to +1000°C	From -40°C to +375°C $\pm 1.5^\circ\text{C}$ From 375°C to 1000°C $\pm 0.004 \times T^\circ\text{abs}$

■ Most common thermocouple types

THERMOCOUPLE TYPES	+ CONDUCTOR	- CONDUCTOR	COLOR OF COMPENSATING CABLE
K	Nickel-Chrome 10%	Nickel-Aluminium 5% -Silicium	Ext. color + = GREEN, - = WHITE
T	Copper	Copper-Nickel	Ext. color + = BROWN, - = WHITE
J	Iron	Copper-Nickel	Ext. color + = BLACK, - = WHITE
N	Nickel 84,4% Chromium 14,2% Silicium 1,4%	Nickel 95,6% Silicium 4,4%	Ext. color + = PINK, - = WHITE
R	Platinum-Rhodium 13%	Platinum	Ext. color + = ORANGE, - = WHITE
S	Platinum-Rhodium 10%	Platinum	Ext. color + = ORANGE, - = WHITE
B	Platinum-Rhodium 30%	Platinum-Rhodium 6%	Ext. color + = GREY, - = WHITE

■ Accessories (See data sheet)

- Extension cable
- Compensating cable
- Standard or miniature connector
- Cable seal for plug and socket connector
- Miniature or standard connectors panel
- Miniature or standard connectors panel
- Extension lead
- Converters

Händlerkontakt:

