## Technical Data Sheet

Pressure / Temperature / Humidity / Air Velocity / Airflow / Sound level

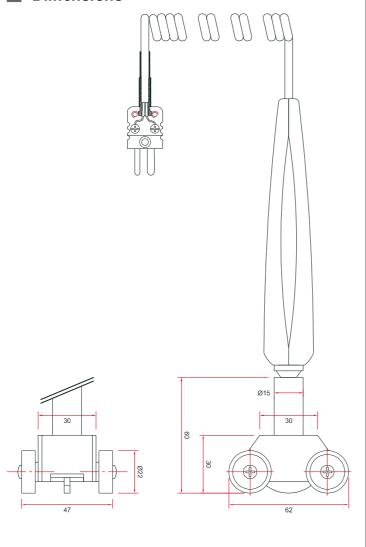




# K thermocouple temperature sensor for measurement of surface with moving parts

## SFCSM K

#### Dimensions



#### Probe features

- Thermocouple type K.
- Measuring range from -40°C to +500°C
- Response time very fast.

#### Technical features

Working temperature	.from -40°C to +500°C (only for the trolley)
Accuracy* for class 1	.See "Tolerances" table
Mounting of welding	Insulated hot welding in standard
Storage temperature	.from -20°C to +80°C
Handle	.ABS, 141 mm length, from -40 °C to +85 °C
Output	.by PVC coiled cable , 200 mm length
	1800 mm length stretched
	Temperature maxi 105 °C
	Male miniature connector (in standard)

### ■ Tolerances\* of the probe

As per IEC 584-3 norm

TC	MEASURING RANGE CLASS 1	TOLERANCE
K	From -40 °C to +500 °C	From -40°C to +375°C $\pm$ 1.5°C From 375°C to 500°C $\pm$ 0.004 x T°abs

<sup>\*</sup> Performed in laboratory conditions, the above accuracies mentioned in this document will be guaranteed, provided that you use the calibration compensation data or identical calibration conditions

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