

DS Series

Kapton Soft Surface Thermocouple

Ref : 2830

Rev: A

DESCRIPTION



This DS series thermocouple temperature sensor is characterized by its flexibility, ease of implementation and low price. It is reusable, an adhesive patch can be added, and the size of the plate can be changed optionally (10 mm x 20 mm as standard).

This thermocouple is ideal for surface temperature measurements, the Kapton coating allowing temperature measurements up to 300°C. Its flexibility makes it very convenient for cable testing.

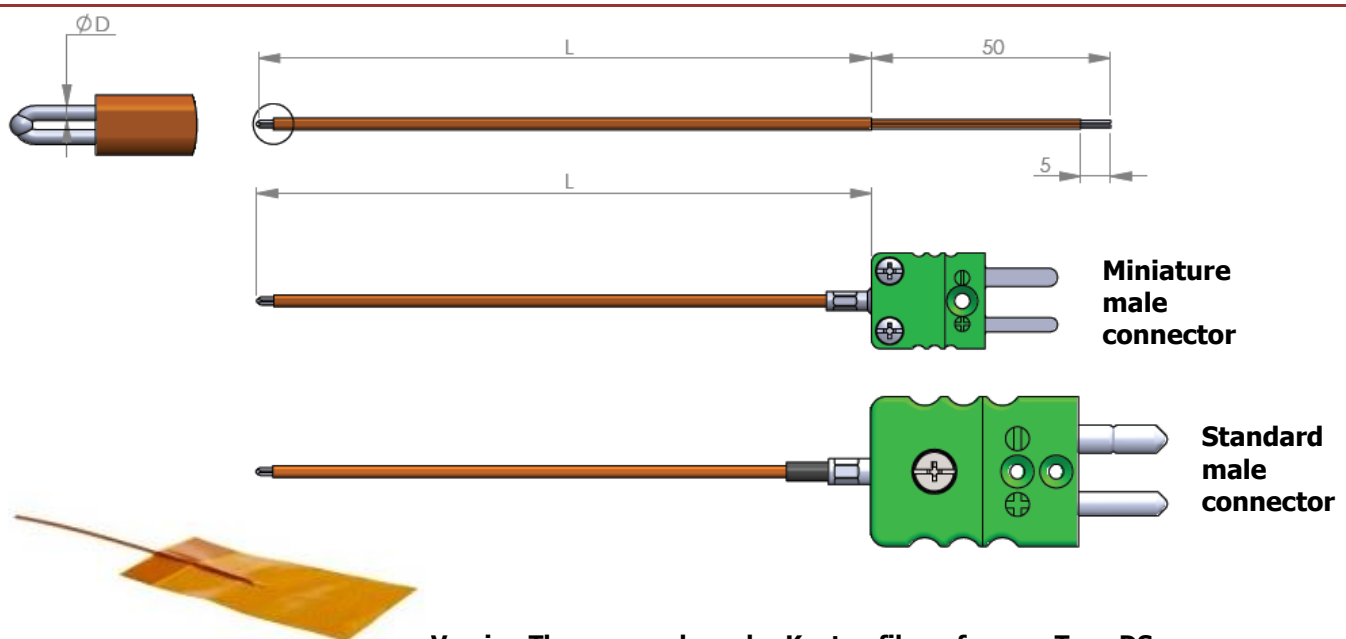
Available in thermocouple K, J, T type (others on request). In the electric automotive sector, the type T offers good tolerance and dielectric strength.

MESUREX is a sensor manufacturer. We can adapt most sensors to your needs. Please [contact us](#).

TECHNICAL CHARACTERISTICS

PARAMETERS	VALUES
Type	K, J, T
Nature of insulation	Kapton, Teflon, glass silk (other on request)
Temperature resistance	200/300/350°C (please contact us)
Precision	Class 1 according to NF EN 60584-1 standard (Class 3 for temperature < -40°C)
Conductor diameter	0.1/0.2 / 0.25/0.5 mm (other on request)
Connection	Bare wire as standard Miniature connector, Optional standard connector

SIZE



ORDER INFORMATION

DS T X L XXX

Plate size (T):
10x20 mm

Thermocouple type:
K/J/T

Special options
Unique alphanumeric code

Length (S):
< 1 meter: in mm
≥ 1 meter: in m (**M**)

- Special options**

OPTION	PARAMETERS
Connector Type	None (standard) Miniature male Miniature female Standard male Standard female Ultra-miniature male Ultra-miniature female 200°C max (standard) High temperature (350°C max)
Precision	Class 1 according to NF EN 60584-1 standard (standard) Class 2 or Class 3 according to NF EN 60584-1 standard (depending on temperature)

- Example: DS1020K5MMMK
- Type K thermocouple surface 10x20mm
 - Flexible over sheathed Kapton
 - Single-stranded conductors
 - Diameter 0.2 mm
 - Length 5 m
 - Exposed hot weld under flexible Kapton wafer
 - Miniature male connector
 - Class 1 according to NF EN 60584-1 standard



CONTACT

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