

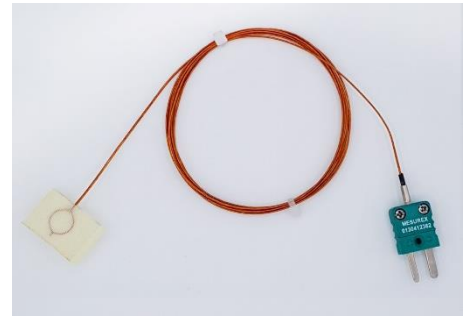
DS Series

Surface thermocouple under glass silk

Thermocouple type temperature sensor

Ref : 2837

Rev : A



DESCRIPTION

This thermocouple temperature sensor is characterized by its flexibility, ease of implementation and low price. It is reusable, an adhesive pad can be added, and the size of the wafer can be changed optionally (20 mm x 25 mm as standard).

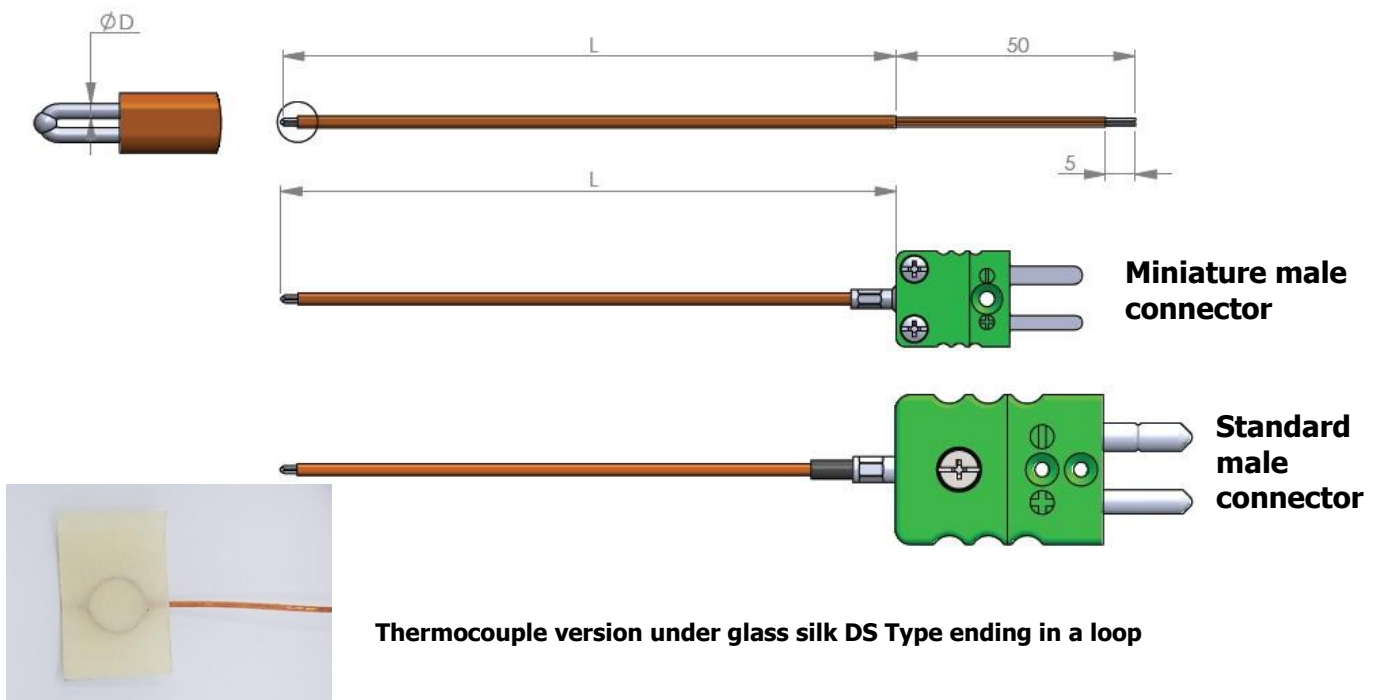
This thermocouple is ideal for surface temperature measurements, the glass silk coating allowing temperature measurements ranging from -40°C to 200°C. It is also practical for rope tests (flexibility). Available in thermocouple K, J, T type (others on request). In the electric vehicle automotive sector, thermocouple T type gives better accuracy.

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

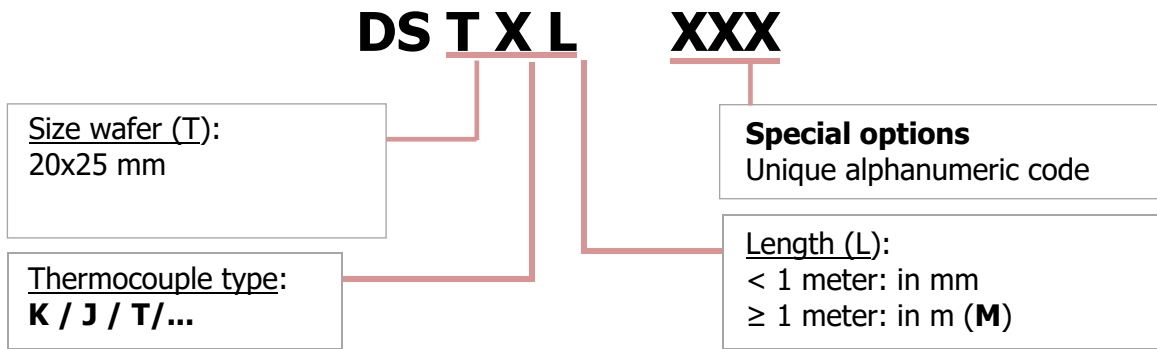
TECHNICAL CHARACTERISTICS

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

SIZE



ORDER INFORMATION



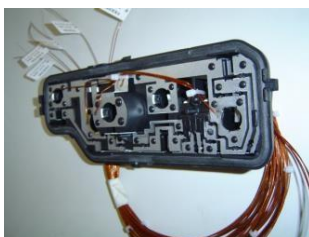
• **Special options**

OPTION	PARAMETERS
Connector Type	<p>None (standard)</p> <p>Miniature male</p> <p>Miniature female</p> <p>Standard male Standard</p> <p>female Ultra-miniature</p> <p>male</p> <p>Ultra-miniature female</p>
Precision	<p>Class 1 according to NF EN 60584-1 standard (standard)</p> <p>Class 2 or Class 3 according to NF EN 60584-1 standard (depending on temperature)</p>

Example:

DS20X25K2MMMK

- Type K surface thermocouple 20x25mm
- Flexible over sheathed Kapton (cable)
- Single-stranded conductors
- Diameter 0.2 mm
- Length 2 m
- Hot welding encircles under a flexible glass silk plate
- Miniature male connector
- Class 1 according to NF EN 60584-1 standard



CONTACT

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