

CC – CCS Series

Mineral insulated thermocouple with built-in connector

Ref: 2122

Rev: A



DESCRIPTION

This foldable and robust thermocouple model is ideal for temperature measurement up to 1200°C in solid, liquid, or gaseous environments. The two thermocouple wires are insulated in compacted magnesia in an Inconel 600 sheath (or 316L stainless steel for the type T thermocouple). Integrates a miniature or standard male or female connector.

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

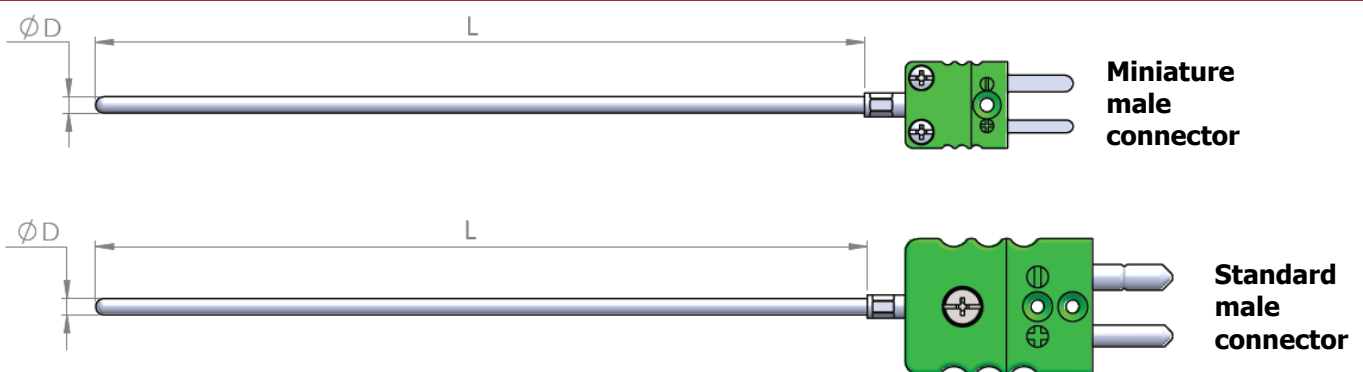


TECHNICAL CHARACTERISTICS

PARAMETERS

Type	K, J, T, E, N, S
Temperature range	-200°C to 1200°C depending on the diameter of the sheath and the type of thermocouple
Nature of the sheath	Inconel 600 (Stainless steel 316L for type T – other on request)
Precision	Class 1 according to NF EN 60584-1 standard (Class 2 or 3 depending on temperature) (Standard or Special according to ASTM E230/E230M standard, on demand)
Diameter	0,5 / 1 / 1,5 / 2 / 3 / 4,5 / 6 mm
Length	100 / 300 / 500 mm (other on request)
Connection	Miniature male or female connector, Standard male or female connector

DIMENSIONS

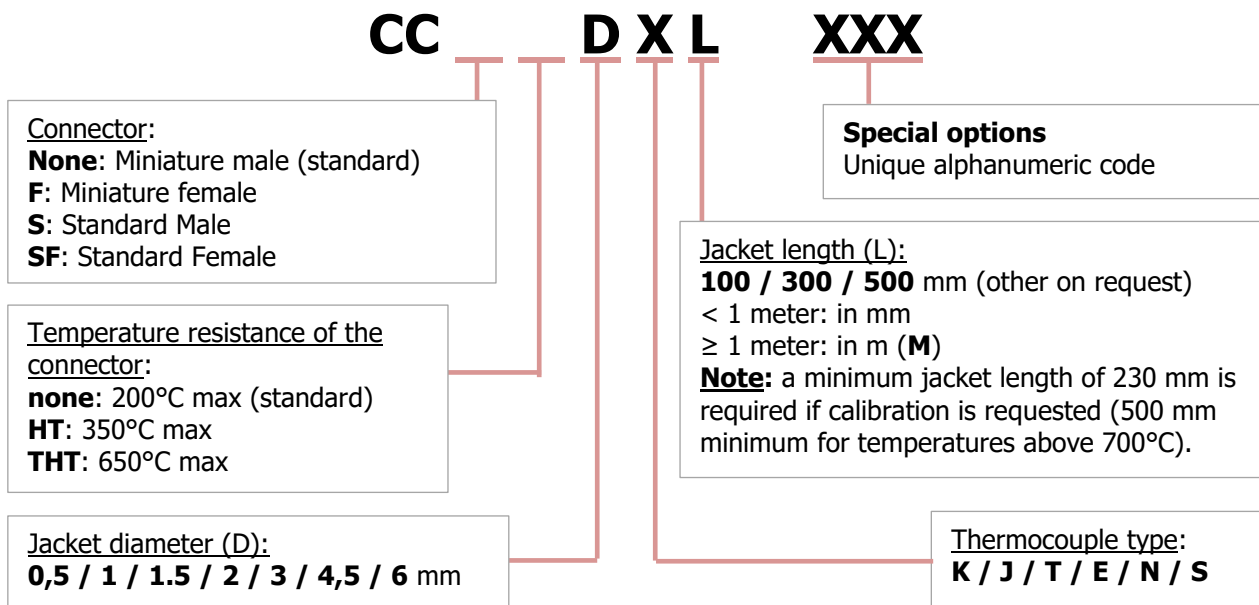


HOT SPOT



Note: In the case of an apparent hot spot, the thermocouple should be used in a dry, non-conductive environment.

ORDER INFORMATION



• **Special options**

OPTION	PARAMETERS
Nature of the metal sheath	Inconel 600 Stainless steel 316L Stainless steel 310 Stainless steel 321 Pyrosil D Microbell Standard for K, J, E, N and S type Standard for T type K or N type only N type only
Hot spot	Insulated (standard) Grounded Apparent
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) Standard or Special according to ASTM E230/E230M standard (AMS 2750E application)

- Example: CCS1.5K300
- K type thermocouple
 - Inconel sheath 600
 - Diameter 1.5 mm
 - Length 300 mm
 - Hot junction insulated from the mass
 - Standard male connector
 - Class 1 according to NF EN 60584-1 standard

CONTACT

MESUREX
 13 Rue des Corroyés
 78730 Saint Arnoult en Yvelines (France)

Tel: +33 (0) 1 30 41 23 62
 Fax: +33 (0) 1 30 41 23 80
 Mail: mesurex@mesurex.fr