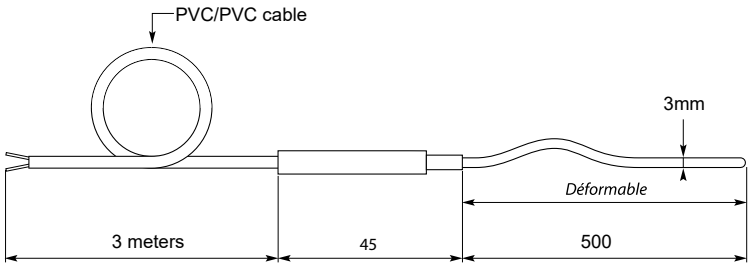
Datasheet

Thermocouple Probe

K430-500-2-1/3M





Part number : K430-500-2-1/3M

Product description : Thermocouple K - inconel mineral cable Ø3 mm 500 mm - 3 meters PVC cable

Product detail : Thermocouple K inconel 600 mineral cable Ø3 mm 500 mm
with 3 meters PVC cable
Maximum Temperature 1100°C for sensor.
Maximum Temperature 105°C for cable and junction

SPECIFICATIONS

Attribut	Value
Thermocouple type :	K
Probe length :	500 mm
Probe diameter :	3 mm
Minimum temperature sensed :	-200°C
Maximum temperature sensed :	+1100°C
Probe material :	Inconel 600

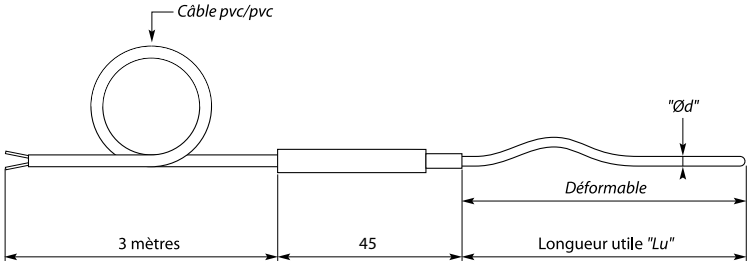
Thermocouple sensor

MI cable with junction

OPTIONS

- Other length or thermo-couple type on request
- Compression fitting





Probe :	thermocouple K or J IEC 584 class 1
Sheath protective :	inconel 600 or refractory steel MI cable 310 (Ø 3, 4, 5, 6, 8) type K or 316L with type J (Ø0,5 - 1 - 1,5 - 2 - 3 - 4,5 - 6 - 8 mm)
Output :	PVC / PVC cable 2x0.22 mm2, length : 3 m, maximum temperature : 105°C
Operating Temperature :	type K : -200 to +1100 °C type J : -40 to +750 °C
Junction :	Ø d = 6 mm for sensors Ø 0,5 to 4,5mm Ø d = 8 mm for sensors Ø 6 mm Ø d = 10 mm for sensors Ø 8 mm
Junction material :	316 L

Ref.		"Ød"		"Lu"	-2-1/3M
Type J (316L)	J1	0,5 mm	05	250 mm	250
Type K (Inconel)	K4	1 mm	10	500 mm	500
Type K (310)	K3	1,5 mm	15	1000 mm	1000
		2 mm	20	3000 mm	3000
		3 mm	30		
		4,5 mm	45		
		6 mm	60		
		8 mm	80		

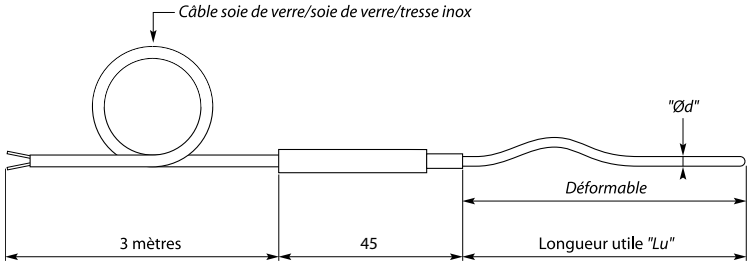
Thermocouple probe

MI cable with high temperature cable

OPTIONS

- Other length or thermo-couple type on request
- Compression fitting





Probe :	thermocouple K or J IEC 584 class 1
Sheath protective :	inconel 600 or refractory steel MI cable 310 (Ø 3, 4, 5, 6, 8) type K or 316L with type J (Ø0,5 - 1 - 1,5 - 2 - 3 - 4,5 - 6 - 8 mm)
Output :	fiberglass / fiberglass / stainless steel braid cable 2x0.22 mm2, length : 3 m, maximum temperature : 450°C
Operating Temperature :	type K : -200 to +1100 °C type J : -40 to +750 °C
Junction :	Ø d = 6 mm for sensors Ø 0,5 to 4,5mm Ø d = 8 mm for sensors Ø 6 mm Ø d = 10 mm for sensors Ø 8 mm
Junction material :	316 L

Réf.		"Ød"		"Lu"	-2-1/3MS
Couple J (316L)	J1	0,5 mm	05	250 mm	250
Couple K (Inconel)	K4	1 mm	10	500 mm	500
Couple K (310)	K3	1,5 mm	15	1000 mm	1000
		2 mm	20	3000 mm	3000
		3 mm	30		
		4,5 mm	45		
		6 mm	60		
		8 mm	80		