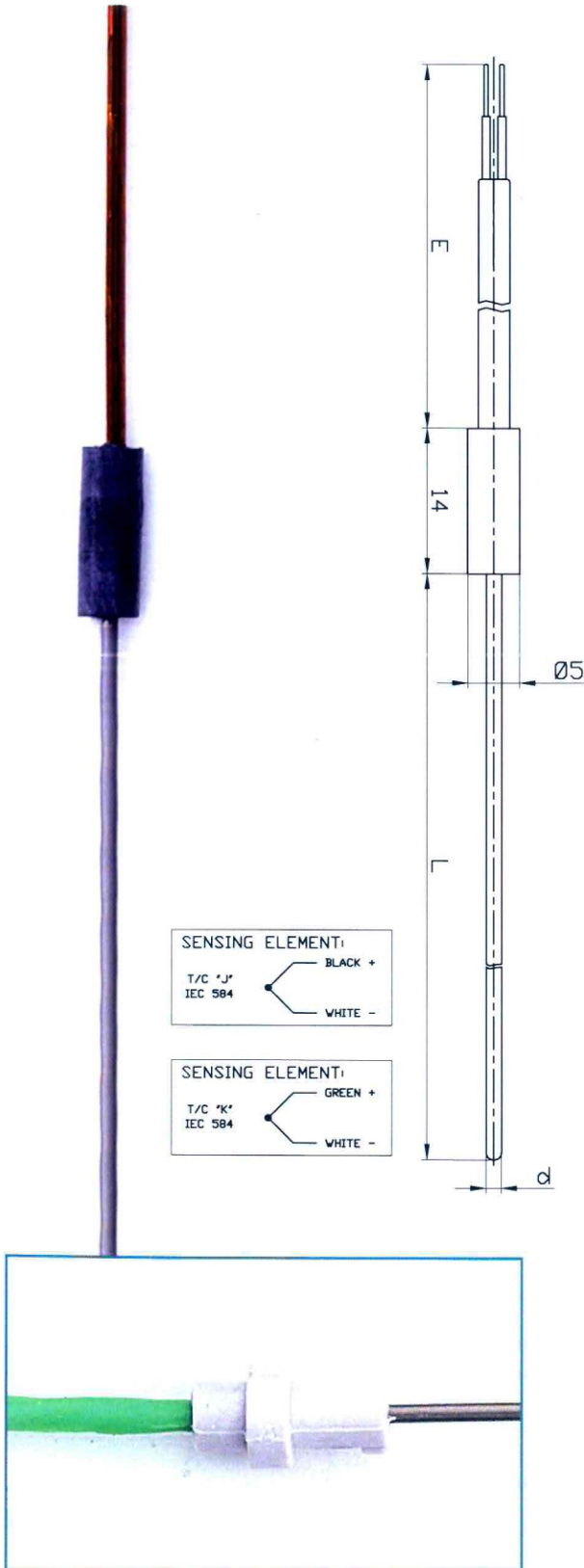


THERMOCOUPLE FOR MOULDS WITH POLYMER TRANSITION POT FOR HIGH TEMPERAURE

Thermocouples with MgO insulation with colored kapton cable and polymer transition pot for high temperature (T max 300°).



Possibility to customize the shape of the thermoplastic transition

TECHNICAL DATA

Thermocouple Type:

Single element thermocouple type 'K' or 'J' according to IEC 584 class 2 (ASTM E 230)

Construction Type:

With densely packed magnesium oxide insulation and ungrounded hot junction

Sheath material:

Thermocouple K: INCONEL 600
Thermocouple J: AISI 304

Temperature limit:

Max temperature sensing part: 600°C (type "J"), 1100°C (type "K")
Max temperature transition: 300°C
Max temperature cable: 300°C

Transition material:

Thermoplastic polymer

Sheath diameter 'd':

$d=1\pm 0.1\text{mm}$
 $d=1.5\pm 0.1\text{mm}$

Minimum bending radius:

Three times the outer diameter

Extension cable:

Cable type "K" or "J" according to ANSI MC 96.1 or IEC 584 2 wire cable AWG 24 stranded PTFE + Kapton / Kapton

Insulation resistance:

$R_{min}=100\text{M}\Omega$ a 100Vdc

Tensile Strenght:

$P_{max}=4\text{kgf}$

ORDER CODE FROM STOCK

TCTH#			2			
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CABLE LENGHT

E = 1 m	1000
E = 2 m	2000
E = 3 m	3000

THERMOCOUPLE TYPE

type J colored in accordance to IEC584	BW
type K colored in accordance to IEC584	BZ
type J colored in accordance to ANSI	CN
type K colored in accordance to ANSI	CP

JUNCTION

Insulated junction	I
Grounded junction	M

DIAMETER d (mm)

Ø1	-1--
Ø1,5	-15-

LENGTH L (mm)

100	0100
150	0150
200	0200
300	0300
400	0400
500	0500