Zoppas Industries
Heating Element Technologies

THERMOCOUPLES

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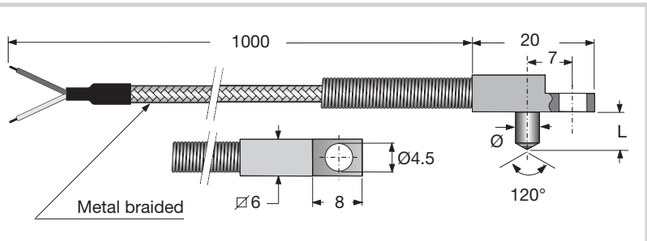
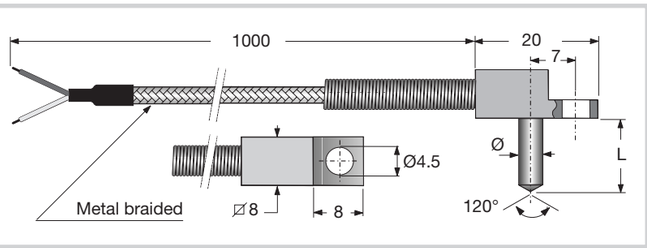
We develop and manufacture thermocouples and Pt100/Pt1000 heating element thermometers, commonly called temperature detectors (RTDs), for a wide range of applications.

Temperature sensors are available in various sizes and lengths, made of different materials, in flexible or rigid sheaths, with cable output or aluminum cover, and can be equipped with fasteners (fixed threaded screws, flanges, etc.).



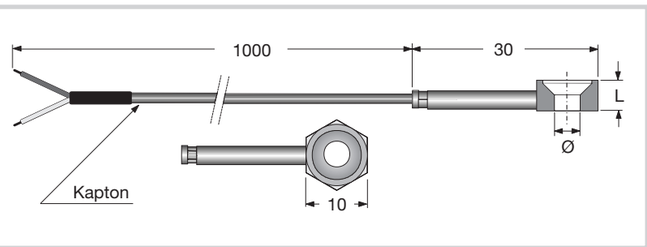
TCN - 4R6

Ø	L	Junction	Type	Rule	Code
4	6	Isol. - *Insul.*	J	DIN	86.040.006.IDJ1
4	12	Isol. - *Insul.*	J	DIN	86.040.012.IDJ1



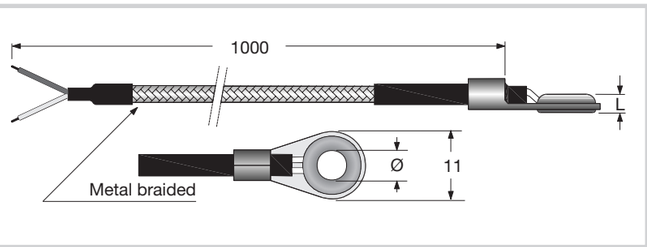
TCN - 4R8

Ø	L	Junction	Type	Rule	Code
4	6	Isol. - *Insul.*	J	DIN	88.040.006.IDJ1
4	12	Isol. - *Insul.*	J	DIN	88.040.012.IDJ1



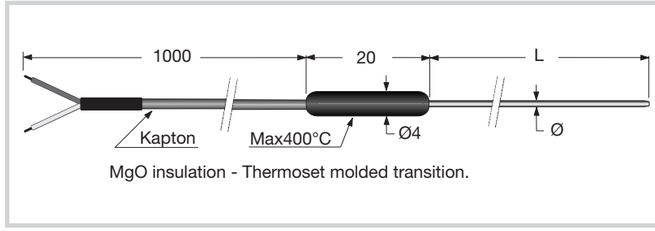
TCN - 5E

Ø	L	Junction	Type	Rule	Code
4.2	5	Isol. - *Insul.*	J	DIN	84.042.005.IDJ1



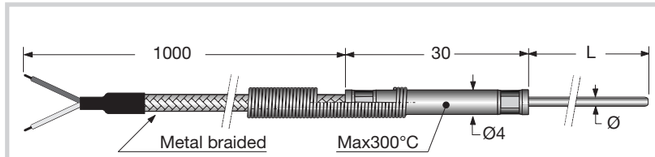
TCN - 5B

Ø	L	Junction	Type	Rule	Code
4.8	3	Isol. - *Insul.*	J	DIN	85.048.003.IDJ1



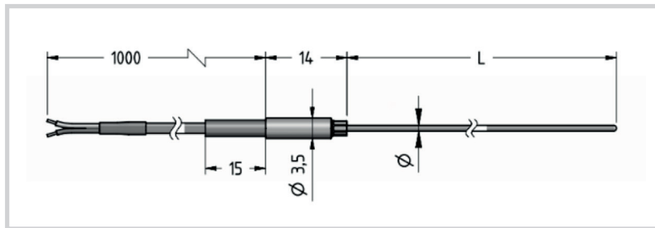
TCMI - T

Ø	L	Junction	Type	Rule	Code
1	100	Isol. - *Insul.*	J	DIN	81.010.100.IDJ1
1	150	Isol. - *Insul.*	J	DIN	81.010.150.IDJ1
1	200	Isol. - *Insul.*	J	DIN	81.010.200.IDJ1
1.5	100	Isol. - *Insul.*	J	DIN	81.015.100.IDJ1
1.5	150	Isol. - *Insul.*	J	DIN	81.015.150.IDJ1
1.5	200	Isol. - *Insul.*	J	DIN	81.015.200.IDJ1



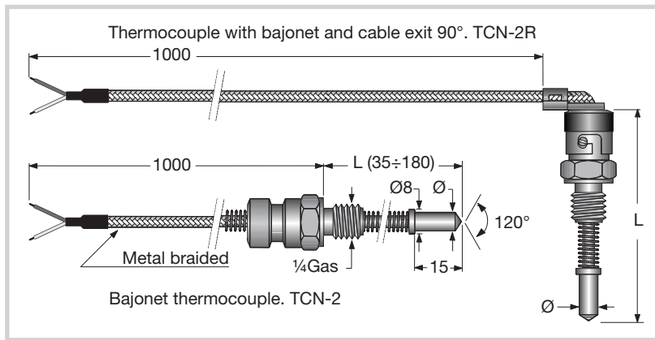
TCMI - S

Ø	L	Junction	Type	Rule	Code
1	100	Isol. - *Insul.*	J	DIN	80.010.100.IDJ1
1	150	Isol. - *Insul.*	J	DIN	80.010.150.IDJ1
1	200	Isol. - *Insul.*	J	DIN	80.010.200.IDJ1
1.5	100	Isol. - *Insul.*	J	DIN	80.015.100.IDJ1
1.5	150	Isol. - *Insul.*	J	DIN	80.015.150.IDJ1
1.5	200	Isol. - *Insul.*	J	DIN	80.015.200.IDJ1



TCMI - SE

Ø	L	Junction	Type	Rule	Code
1	100	Isol. - Insul.	J	DIN	87.010.100.IDJ1
1	150	Isol. - Insul.	J	DIN	87.010.150.IDJ1
1	200	Isol. - Insul.	J	DIN	87.010.200.IDJ1
1.5	100	Isol. - Insul.	J	DIN	87.015.100.IDJ1
1.5	150	Isol. - Insul.	J	DIN	87.015.150.IDJ1
1.5	200	Isol. - Insul.	J	DIN	87.015.200.IDJ1

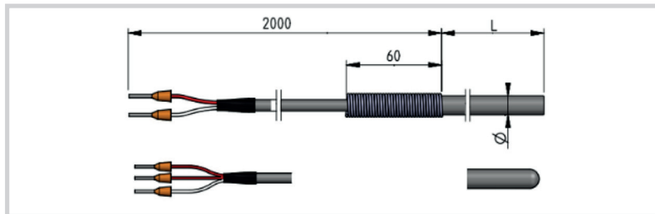


TCN - 2R

Ø	L	Junction	Type	Rule	Code
6	35	Isol. - *Insul.*	J	DIN	83.060.035.IDJ1
6	50	Isol. - *Insul.*	J	DIN	83.060.050.IDJ1
8	35	Isol. - *Insul.*	J	DIN	83.080.035.IDJ1
8	50	Isol. - *Insul.*	J	DIN	83.080.050.IDJ1

TCN - 2

Ø	L	Junction	Type	Rule	Code
6	180	Isol. - *Insul.*	J	DIN	82.060.180.IDJ1
8	180	Isol. - *Insul.*	J	DIN	82.080.180.IDJ1



PT100 - PT1000

Ø	L	Rule	Code PT100	Code PT1000
5	50	IEC	89.050.050.E20	89.050.050.E20_1000
5	100	IEC	89.050.100.E20	89.050.100.E20_1000
5	150	IEC	89.050.150.E20	89.050.150.E20_1000
6	50	IEC	89.060.050.E20	89.060.050.E20_1000
6	100	IEC	89.060.100.E20	89.060.100.E20_1000
6	150	IEC	89.060.150.E20	89.060.150.E20_1000

IN CASE OF SPECIAL EXECUTIONS TO ORDER SPECIFY:

1) Dimensional features
2) Hot junction (earthed, insulated)
3) Type of sensor (J, K, ...)
4) Rules (DIN,ANSI, IEC, ...)

ZIHET reserves the right to make changes without prior notice: all the specifications may be subject to change

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