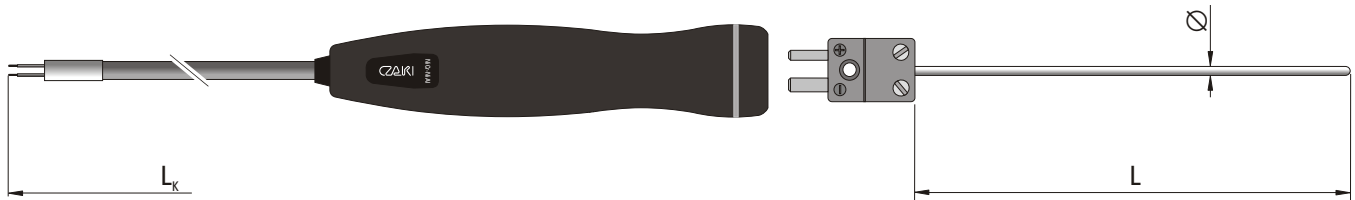


TEMPERATURE SENSOR

type 105



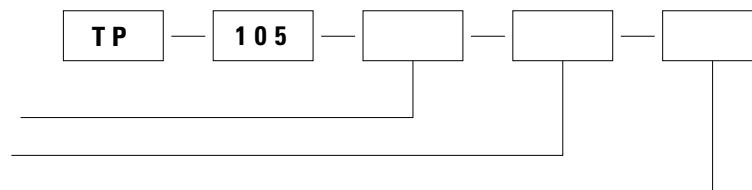
SPECIFICATION

Application	all purpose temperature sensor with interchangeable measuring inserts
Temperature range	-40°C ... +1000°C
Sheathed thermocouple	NiCr-NiAl (K) ⁽¹⁾
Measuring junction	insulated ⁽²⁾ (grounded on demand)
Class of processing element	1
Sheath material	Inconel
Length of compensation cable L _k	spiral 1,5 m ⁽²⁾
Handle and cable operating temperature	-20°C...+80°C
Additional accessories	plug type MT-K (for use with hand held thermometers) ⁽²⁾

⁽¹⁾ Other thermocouples on demand

⁽²⁾ Other parameters according to customer requirements

ORDERING CODE



Outer diameter $\varnothing = 1,5, 2$ or 3 mm⁽²⁾

Sensor length L = $100 \dots 1000$ mm⁽²⁾

Additional accessories plug type **MT-K**

Example for order: TP-105-2-300-MT-K temperature sensor with interchangeable sheathed thermocouple NiCr-NiAl (K) of outer diameter $\varnothing = 2$ mm, length L = 300 mm; compensating cable with plug type MT-K.

Additional interchangeable thermocouples please order according to example:

Interchangeable insert: TP-233K-b-800 means interchangeable sheathed thermocouple NiCr-NiAl (K) of outer diameter $\varnothing = 1,5$ mm and length L = 800 mm.

Attention: Temperature sensors NiCr-NiAl (K) type 231, 232, 233, 234 also can be used.