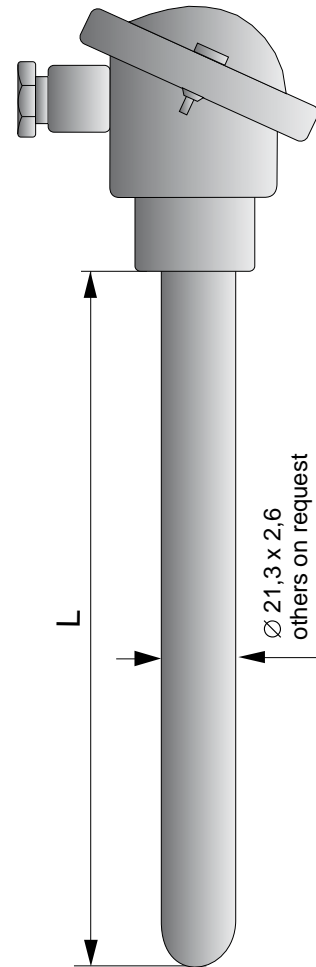


## Mineral insulated thermocouple (MI), type **TKPM; TNPM; TJPM** NiCr – NiAl; NiCrSi-NiSi; Fe-CuNi

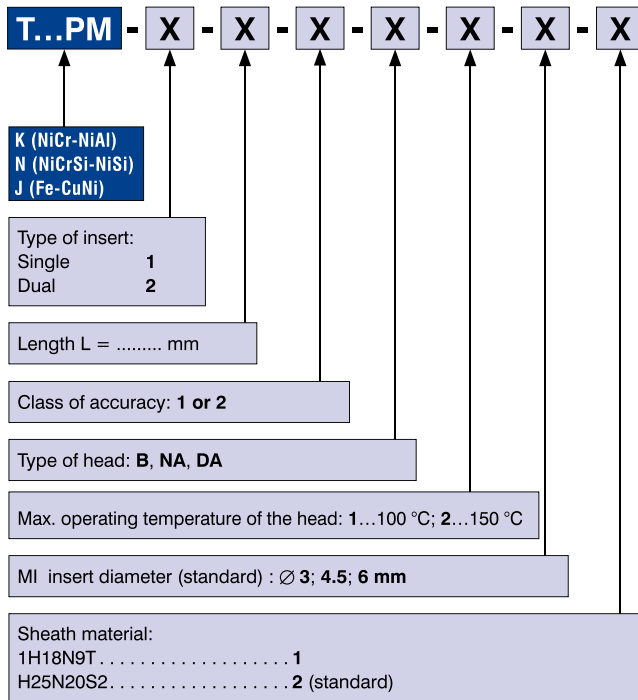
### Application:

Mineral insulated thermocouple with additional metal sheath is intended for temperature measurement in technological processes in various branches of industry.

<b>Type of a sensor</b>	K (NiCr – NiAl); N (NiCrSi-NiSi); J (Fe-CuNi) MI type $\varnothing$ 3; 4.5; 6 mm; (others to be agreed upon)
<b>Class of accuracy</b>	1 or 2 (PN-EN 60584-1; PN-EN 60584-2)
<b>Measuring range</b>	"J" $-40 \div 700$ °C; "K" $-40 \div 1150$ °C; "N" $-40 \div 1150$ °C
<b>Sensor sheath</b>	Tube: 1H18N9T: $-200 \div 700$ °C or H25N20S2: $-200 \div 1150$ °C (standard)
<b>Length L</b>	up to 2000 mm other lengths to be agreed upon
<b>Head</b>	Aluminium, type: B, NA, DA, MA for $\varnothing$ 10 mm
<b>Head operating temperature</b>	max. 100 or 150 °C



### Ordering code:



### Ordering example:

**TKPM – 1 – 800 – 2 – NA – 2 – 6 – 1** has the following meaning: Mineral insulated thermocouple, type TKPM, single, length L = 800 mm, class of accuracy: 2; head type NA with max. operating temperature 150°C. MI insert diameter 6 mm, sensor MI grade: 1H18N9T.

**Note:** there is a possibility to order the sensor exchangeable measuring insert.

*On Customer's request*  
**"Calibration Certificate"**