

## MINIATURE MINERAL INSULATED THERMOCOUPLES

with miniature thermo plug

The main characteristics of miniature mineral insulated thermocouples are the quick response time as well as the robust construction. These very small thermocouples are used wherever quick temperature changes have to be controlled and measured for example in laboratories or in medical technology. According to the individual requirements the connection ends can be designed with miniature thermo plugs, connection cable or with bare ends. As manufacturer of thermo and compensating cables we are able to offer a broad variety of different cable types from our own production.

### Construction:

<b>Thermocouple:</b>	1 x type K
<b>Sheath material:</b>	1.4541 and 2.4816
<b>Type:</b>	mineral insulated thermocouple with miniature plug, with bare ends or with connection cable
<b>Special products:</b>	are possible on demand and technical verification

### Technical data:

<b>Diameter:</b>	0,25 mm and 0,40 mm
<b>Accuracy:</b>	class 1
<b>Measuring point:</b>	form B, welded
<b>Bare ends:</b>	max. 6 mm (for thermocouples without plug)
<b>Nominal length:</b>	to be agreed

### Outstanding features:

- ▶ short response time
- ▶ precise measurements
- ▶ low heat transmission
- ▶ small dimensions and displacement volume
- ▶ sheath-Ø : 0,25 and 0,4 mm
- ▶ different sheath lengths available
- ▶ electrically grounded measuring point

