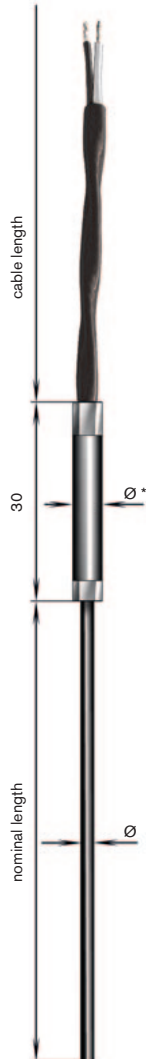


MINERAL INSULATED THERMOCOUPLES

MTC 205

Mineral insulated thermocouple with PFA connection cable Th 22 LTT

thermocouple:	type K or J acc. to DIN EN 60584
measuring tip:	form A insulated or form B welded
measuring temp.:	type K: max. 800°C with sheath material 1.4541 max. 1100°C with sheath material 2.4816 type J: max. 750°C



THERMOCOUPLE:

- 1 x L⁽¹⁾ 1 x J 1 x K
 2 x L⁽¹⁾ 2 x J 2 x K other thermocouples _____
 type L acc. to DIN 43710 type J and K acc. to DIN EN 60584

SHEATH - Ø:

- 0,25 mm (only type K) 0,4 mm (only type K)
 0,64 mm 1,0 mm 1,5 mm 2,0 mm
 3,0 mm 4,5 mm 6,0 mm 8,0 mm other sheath-Ø _____

SHEATH-MATERIAL:

- 1.4541 2.4816 other sheath materials _____

TYPE OF CABLE ENDS:

- bare ends cable lugs M4
 end sleeves tinned
 other cable ends _____

CONNECTION CABLE:

- 1,0 m 2,5 m 5,0 m
 1,5 m 3,0 m 10,0 m
 2,0 m 4,0 m other lengths _____

TYPE OF MEASURING TIP:

- form A, insulated measuring tip, without kink protection
 form B, welded measuring tip, without kink protection
 form A, insulated measuring tip, with kink protection
 form B, welded measuring tip, with kink protection
 all types in class 1

NOMINAL LENGTH: _____ mm

¹⁾ since 04/94 the standard DIN 43710 is no longer valid
 *type of sleeve corresponds to sheath-Ø and connection cable

CONNECTION CABLE TH 22 LTT

Construction	
Insulation:	PFA
Stranding:	cores together
Sheath:	PFA
Shape:	round
Cable section:	2 x 0,22 mm ²
Conductor:	7 x 0,20 mm Ø
Outer-Ø:	approx. 2,8 mm
Weight / 100 m:	approx. 1,2 kg

Technical data	
Min. bending radius:	7,5 x d
Radiation resistance:	5 x 10 ⁶ cJ/kg
Temp. range of insulation:	flexible application: -55/ +250°C fixed laying: -90/ +250°C short-term: +260°C
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 und EN 60332-1-2
Chemical resistance:	very good against acids, halogens, bases, chlorinated solvents as well as organic and inorganic compounds
Absence of harmful substances:	acc. to RoHS directive of the European Union