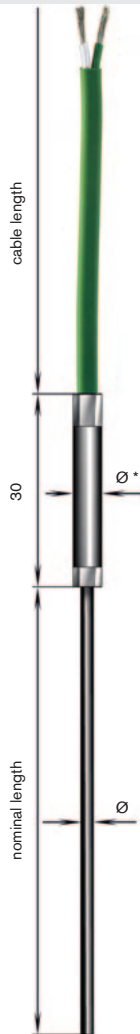


MINERAL INSULATED THERMOCOUPLES

MTC 204

Mineral insulated thermocouple with Besilen® (silicone) connection cable A 15 - 022 HT

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¹⁾ since 04/94 the standard DIN 43710 is no longer valid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 A 15 - 022 HT

Construction	
Insulation:	fibre-glass
Stranding:	2 cores together
Sheath:	Besilen®
Shape:	round
Cable section:	2 x 0,22 mm ²
Conductor:	7 x 0,20 mm Ø
Outer-Ø:	approx. 4,8 mm
Weight / 100 m:	approx. 2,9 kg

Besilen® is a specially developed Silicone rubber-based material with good electrical characteristics and it is a registered trademark of SAB Bröckskes GmbH & Co. KG.

Technical data	
Min. bending radius:	7,5 x d
Temp. range of insulation:	flexible application: -25/ +180°C fixed laying: -40/ +180°C short-term: +250°C
Insulation resistance:	>1MΩ x km
Halogen-free:	acc. to DIN VDE 0472 part 815 + IEC 60754-1 for silicone
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 and EN 60332-1-2
Corrosiveness of conflagration gases:	IEC 60754-2 + EN 50267-2-2 + VDE 0482 part 267-2-2 are accomplished – no development of corrosive conflagration gases
Absence of harmful substances:	acc. to RoHS directive of the European Union