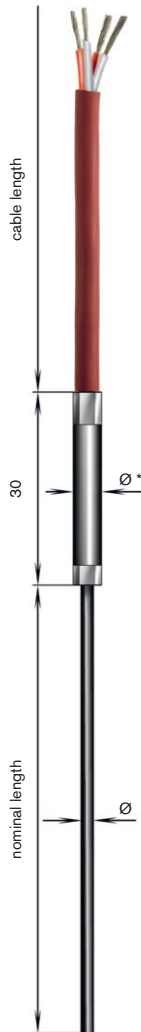


## Mineral insulated resistance thermometer with Besilen® (silicone) connection cable BiHF

RTD:	Pt 100 acc. to DIN EN 60751
sheath material:	mat. no. 1.4541
measuring range:	-50 up to +400°C and -50 up to +600°C



### RTD:

- 1 x Pt 100 class B
- 1 x Pt 100 class A
- 2 x Pt 100 class B
- 2 x Pt 100 class A

### CIRCUIT OF INNER WIRES:

- 2-wire circuit
- 3-wire circuit
- 4-wire circuit

### SHEATH - Ø:

- 1,6 mm
- 3,0 mm
- 4,5 mm
- 6,0 mm
- other sheath-Ø \_\_\_\_\_

### TYPE OF CABLE ENDS:

- bare ends
- end sleeves
- other cable ends \_\_\_\_\_
- cable lugs M4
- tinned

### CONNECTION CABLE:

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

### MEASURING RANGE:

- 50 up to +400°C with kink protection
- 50 up to +600°C with kink protection
- 50 up to +400°C without kink protection
- 50 up to +600°C without kink protection

NOMINAL LENGTH: \_\_\_\_\_ mm



Sheath-Ø: 1,5 mm  
on request

\*type of sleeve corresponds to sheath-Ø and connection cable

## CONNECTION CABLE BiHF

### Construction

Insulation:	Besilen® (silicone)
Stranding:	in layers
Sheath-material:	Besilen® (silicone)
Cable section:	0,25 mm <sup>2</sup>

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:	fixed laying: 4 x d flexible application: 6 x d
Temp. range of insulation:	flexible application: -25°C/+180°C fixed laying: -40°C/+180°C short-term: +250°C
Radiation resistance:	8 x 10 <sup>7</sup> cJ/kg
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 und 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