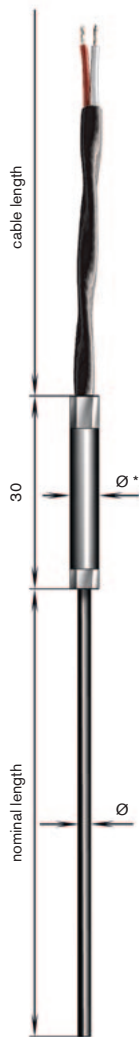


RESISTANCE THERMOMETERS

RTD 505

Mineral insulated resistance thermometer with PFA connection cable TTL

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

CIRCUIT OF INNER WIRES:

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

SHEATH - Ø:

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

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 _____

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

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



**Sheath-Ø: 1,5 mm
on request**

CONNECTION CABLE TTL

Construction	
Insulation:	PFA
Stranding:	cores together
Sheath-material:	PFA
Shape:	round
Cable section:	0,18 mm ²

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 with limited service time: +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, chlorinated solvents as well as organic and inorganic compounds
Absence of harmful substances:	acc. to RoHS directive of the European Union