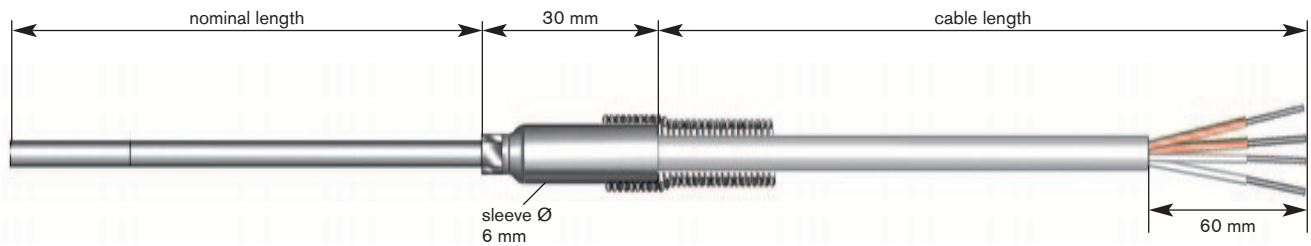


TEMPERATURE MEASUREMENT

IN UNIVERSAL USE

mineral insulated resistance thermometer with connection cable



■ This temperature probe is versatile due to its design and high temperature resistance. With its slim design and flexible sheath material, the probe can even be installed in hardly reachable positions. Easy installation is ensured in conjunction with a clamping screw connection.

RTD:

- 1 x PT100
- 2 x PT100

Limiting deviation:

- class A -30°C/+300°C -100°C/+450°C
- class B -50°C/+500°C -196°C/+600°C

Connection types of inner wire:

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

Sheath-Ø:

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

Nominal length: _____ mm



available on request:

- ▶ class AA
- ▶ class DIN 1/10

Type:

- with kink protection
- without kink protection

Connection cable:

- RTD cable (FEP / FEP)
- other connection cables (see page 40)

Connection cable length:

- 0,50 m 1,00 m
- 1,50 m 2,00 m
- 3,00 m 5,00 m
- 10,0 m other length _____ m

Connection ends:

- bare ends
- endsleeves
- cable lugs M4
- tinned
- other cable ends _____
- with batch certificate and identification
- Dakks calibration on request
- accessories (fix): _____

general information

With a 2-wire circuit only one class accuracy class B accuracy can be confirmed.

material 1.4541: +800°C

Please note that the temperature stability of the sensor is determined by the weakest parameters.

CONFIGURATION EXAMPLES

item no.	RTD	ø mm	nominal length mm	connection types	cable	cable length mm	connection ends
T507-059-257	1 x PT100	1,5	100	4-wire circuit	FEP/FEP	1000	Lemo FGA.0B.306
T505-053-490	1 x PT100	1,5	100	4-wire circuit	FEP/FEP	1000	bare ends