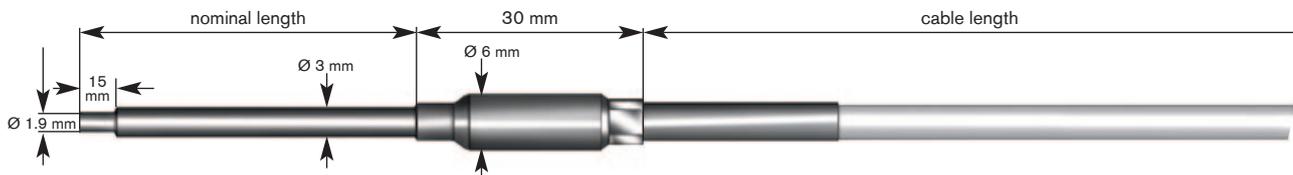


small measuring tip Ø guarantees quick response times!

IN AIR AND GASES

airflow resistance thermometer



■ For temperature measurement, for example at engine test benches. Especially appropriate to collect the temperature of the airflow, for example in the turbocharger. The small diameter of the measuring tip guarantees a quick response time. The screening of the cable offers at the same time mechanical protection as well as protection against electromagnetic interference. Usually fixing can be done by clamping screw connections.

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

Nominal length: _____ mm

Type:

- with kink protection
- without kink protection



class AA on request!

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

CONFIGURATION EXAMPLE

item no.	RTD	connection type	Ø min.t/c mm	Ø protecting mm	nominal length mm	cable	cable length mm	connection ends
T870-058-439	1 x PT100	3-wire circuit	1,9 x 15	3	70	FEP/FEP	1000	bare ends

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.