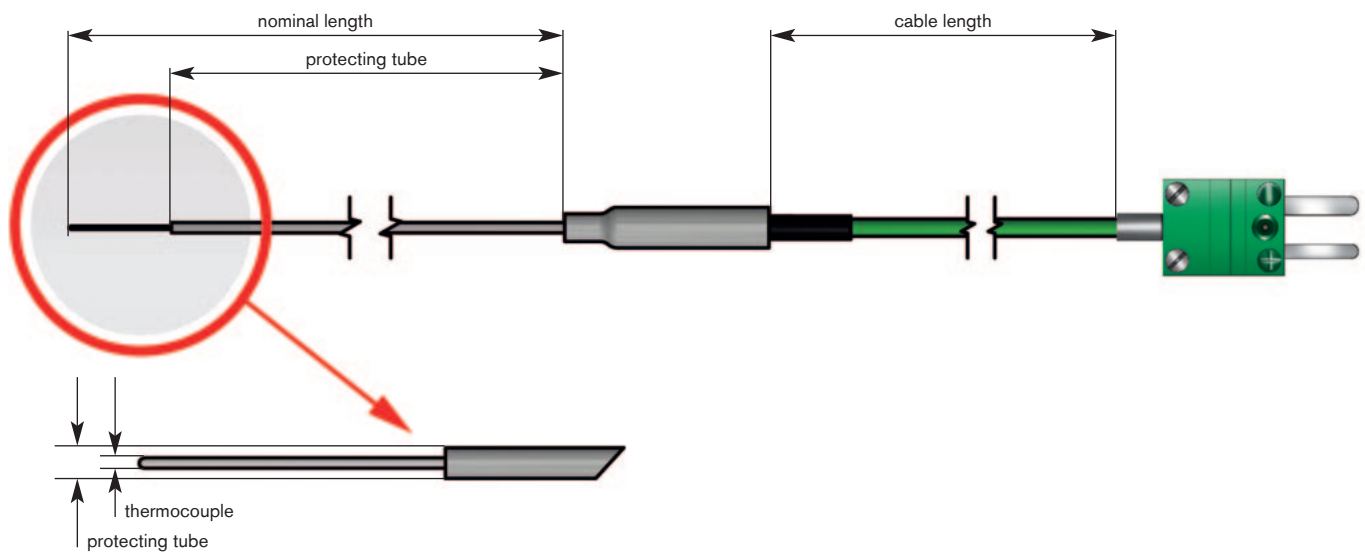


TEMPERATURE MEASUREMENT

IN AIR AND GASES

airflow thermocouple



■ 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.

Thermocouple:

- 1 x type J
 - 1 x type K
 - 2 x type J
 - 2 x type K
- } from Ø 1,5 mm
- other thermocouples _____

Sheath material:

- 1.4541 (+800°C)
- 2.4816 (+1100°C)
- other sheath materials _____

Protecting tube:

- length _____ mm

Connection ends:

- miniature thermoplug
- standard plug
- free ends _____ mm
- other connection ends
- miniature socket
- standard socket

Type of measuring tip:

- class 1, form A, insulated measuring tip
- class 1, form B, welded measuring tip

Nominal length: _____ mm

- with batch certificate and identification
- Dakks calibration on request
- accessories (fix): _____

CONFIGURATION EXAMPLES

item no.	Ø min.t/c mm	Ø protecting tube mm	material	nominal length mm	cable	cable length mm	connection ends
T207-058-948	0,50	1,50	2.4816	138	2 x 0,22 mm ² FEP/C/FEP	250	miniature thermoplug
T207-058-946	1,50	3,00	2.4816	150	2 x 0,22 mm ² FEP/C/FEP	250	miniature thermoplug
T207-055-402	1,50	3,00	2.4816	150	2 x 0,22 mm ² FEP/C/FEP	3000	miniature thermoplug