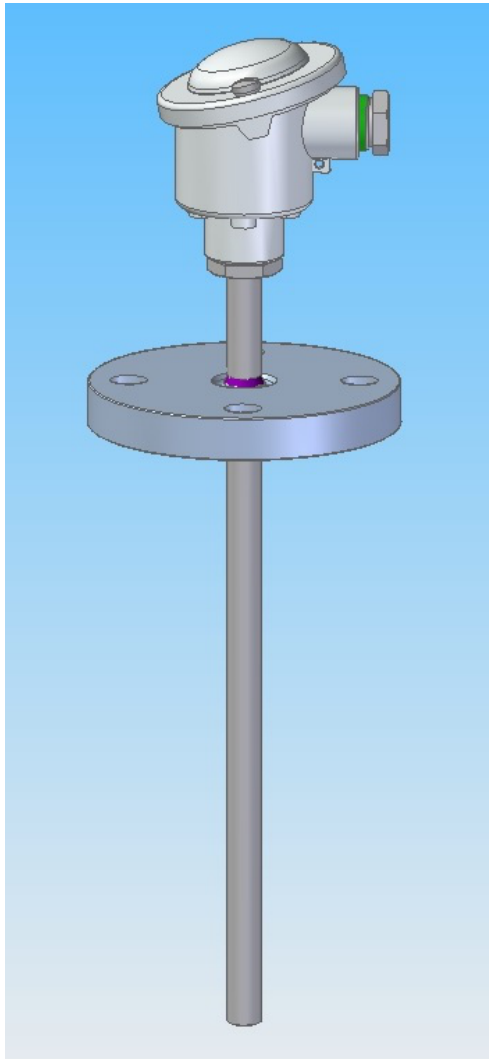


Flanged thermocouple

Form 2G in accordance with DIN 43735 / 43772

Fitting with replaceable
thermocouple inset



Structure of the fitting:

Structure Form 2F in accordance with DIN 43772
Protective tube according to DIN 43772,
Diameter 11*2 mm or 14*2.5 mm of material stainless
steel 1.4571;
Flange DN 25 / PN 40 Form C of material 1.4571,
Extension pipe of 11 mm (14 mm) diameter of material
1.4571, extension pipe length 82 mm,
Connection head of light metal Form B
in accordance with DIN EN 50446 with cable entry
M20x1.5.

(For variants please refer to the worksheet).

Structure of the gauge slide:

Thermocouples 1 (2) x Type "J", "K" and "N", Basic
values in accordance with DIN EN 60584, tolerance
class 1 or 2, Type "L" in accordance with DIN 43710,
tolerance class 2, insulated or welded to the ground,
inset tube of stainless steel with a 6.0 mm (8.0 mm)
diameter;
alternatively inset in flexible version as mineral insulated
sheathed thermocouple inset of 6 or 8 mm
diameter of stainless steel or Inconel material.
Shelf plate with connection socket.

(For variants please refer to the worksheet).

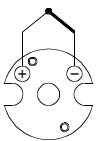
Design of the thermocouples:

Max. temperatures according to DIN for element type:

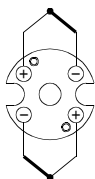
Fe-CuNi, Type "J"	600°C	Fe-CuNi, Type "L"	600°C
NiCr-Ni, Type "K"	800°C	NiCrSi-NiSi, Type "N"	800°C

Even pressure resistant and high pressure resistant versions are available; Additional type specification "HD".
For pressure resistant and stable flow versions, also refer to the section Special versions or ask our technical
customer service.

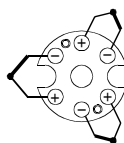
Types of wiring:



Element single



Element dual



Element triple

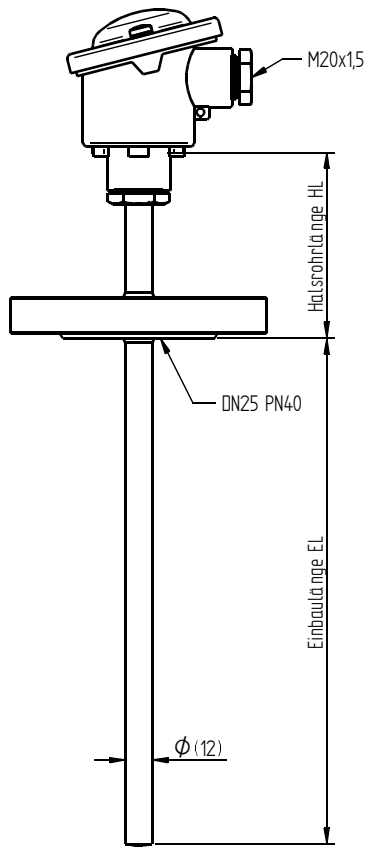
Areas of application:

Plant, pipeline and tank construction
Power plant technology
Furnace construction
Chemicals:
for gas, steam, fluids, powders and granulates

Flanged thermocouple

Form 2G in accordance with DIN 43735 / 43772

Fitting with replaceable thermocouple inset



Protective tube diameter D:

11 x 2.0mm |☉|
 14 x 2.5mm |☉|
 Others _____

Protective tube material:

1.4541 (V2A) |☉|
 1.4571 (V4A) |☉|
 Others _____

Flange:

DN25/PN40 Form C |☉|
 DN40/PN16 Form C |☉|
 Others _____

Material of flange:

1.4541 (V2A) |☉|
 1.4571 (V4A) |☉|
 Others _____

Nominal length NL:

160mm |☉|
 250mm |☉|
 400mm |☉|
 Other _____

Extension pipe length HL:

82mm |☉|
 145mm |☉|
 others _____

Alternatively / resistant to acids and alkalis:

Flange base + protective tube cover as welded or thermoformed design of material:

Hastelloy C |☉| Tantalum |☉| Titanium |☉|
 Nickel |☉| Teflon |☉| others _____

Connection head:

Form A Light metal |☉|
 Form B Light metal |☉| others _____

Temperature load: Measurement point: from | _____ | to | _____ | °C Environment/Connector head: | _____ | °C

Calculation of the inset length = Protective tube length + Extension pipe length + 10mm

Thermocouple inset:

NiCr-Ni "K"	single ☉	dual ☉
Fe-CuNi "J"	single ☉	dual ☉
NiCrSi-NiSi "N"	single ☉	dual ☉
PtRh-Pt "S"	single ☉	dual ☉
Fe-CuNi "L"	single ☉	dual ☉
Other _____		

Additional specification/ Remarks:

Tolerance class

Class "2" |☉|
 Class "1" |☉|
 Other _____

Company	: _____	Your Ref.	: _____
Contact person	: _____	Quantity	: _____
Street/Place	: _____	Del. time	: _____
Email address	: _____	Telephone	: _____