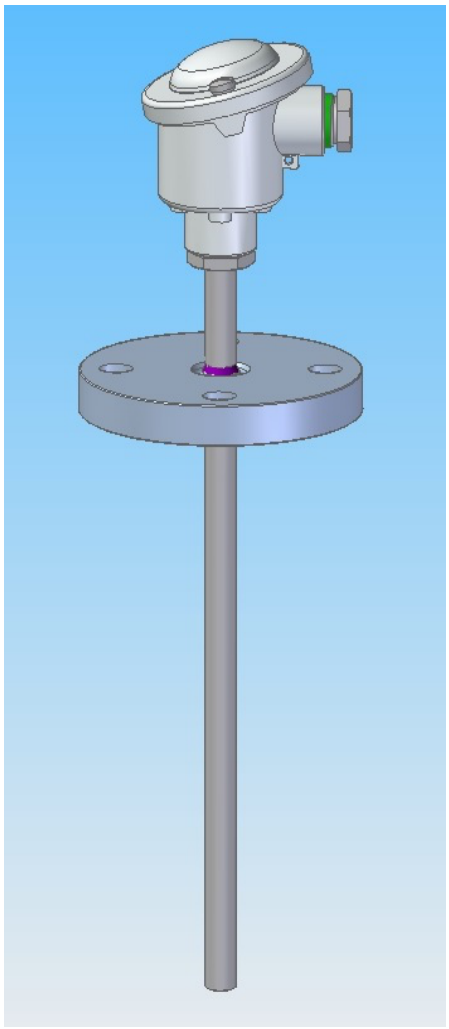
Flanged resistance thermometer

Form 2G in accordance with DIN 43722 / 43735

Fitting with replaceable
resistance thermometer inset



Structure of the fitting:

Structure Form 2F in accordance with DIN 43722
Protective tube according to DIN 43771,
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 A or Form B
in accordance with DIN EN 50446 with cable entry M20x1.5.

(For variants please refer to the worksheet).

Structure of the inset:

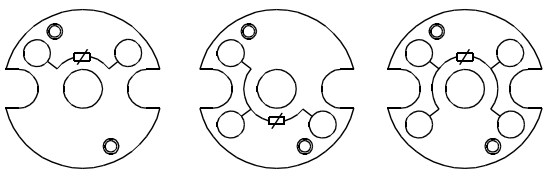
In accordance with DIN 43735
Precision resistor single or dual, Type Pt-100
as per IEC 60751 in tolerance class B or A.
Connected in 2-, 3- or 4-wire circuit from
precision resistor, installed in a rigid inset pipe of stainless steel material or as sheath resistance thermometer inset in flexible version with a diameter of 6 or 8 mm.
Shelf plate with connection socket.

(For variants please refer to the worksheet).

Design of resistance thermometer:

Temperatures up to 600°C Standard, on request with Nickel-feed lines and Inconel-gauge slide pipe for temperatures up to 800°C; Additional type specification "HT". Precision resistor is insulated in a ceramic powder and vibrated and sealed airtight.
In flexible version up to 450°C as standard, over that with mineral insulated sheath cable of Inconel material and internal nickel leads for temperatures up to 800°C; Additional type specification "HT". Precision resistor is insulated in a ceramic powder and vibrated and sealed airtight. Even shockproof and high vibration resistant versions can be delivered; additional type specification "E". For pressure resistant and stable flow versions, also refer to the section Special versions or ask our technical customer service.

Types of wiring:



Pt-100 2-lead Pt-100 3-lead Pt-100 4-lead

Areas of application:

Plant, pipeline and tank construction
Chemicals: for gas, steam, fluids
powders and granulates

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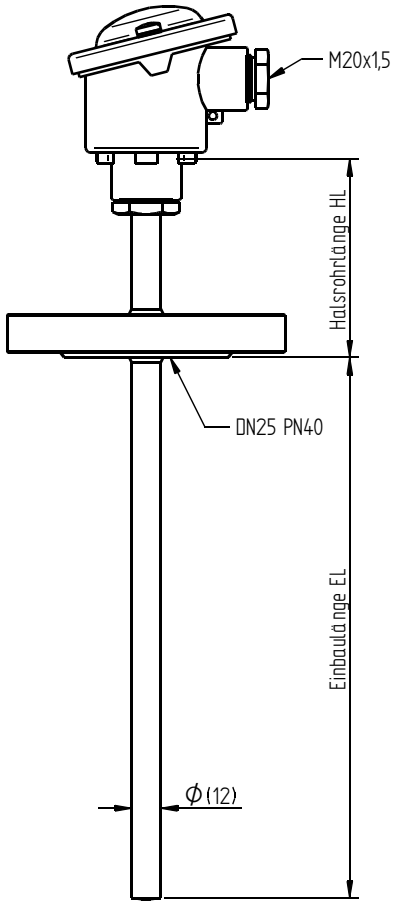
Flanged resistance thermometer

Form 2G in accordance with DIN 43772 / 43735

Fitting with replaceable
resistance thermometer inset



Protective tube diameter D: **Protective**

Protective tube material:

11 x 2.0mm	|☺|	1.4541 (V2A)	|☺|
14 x 2.5mm	|☺|	1.4571 (V4A)	|☺|
others _____	|☺|	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_____	|☺|

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

Sheath resistance thermometer inset:

Pt-100	single |☺|	dual |☺|
Pt-1000	single |☺|	dual |☺|

Others |_____|

2-|☺| 3-|☺| 4-|☺| wire circuit

Tolerance class

Class B |☺|
Class A |☺|
Others |_____|

Additional specification/ Remarks:

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

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