

Description

Precision gasexpansion- thermometer with rim-ring.
Execution with wall bracket acc. to DIN EN 13190

Accuracy

Class 1 according DIN EN 13190

Temperature range

Scale ranges according to DIN EN 13190 see backpage

Case

Case with rim-ring stainless steel 1.4301 / AISI304

Ingress protection IP 65 according to IEC 529

Instrument glass window

Nominal sizes 63, 80, 100 mm

Capillary

Stainless steel 1.4571 / AISI316Ti

Stainless steel with plastic coat

Stainless steel with spiral protecting hose

Pointer and dial

Aluminium dial varnished white / black lettering

Aluminium pointer varnished black

Process connection

Plain stem

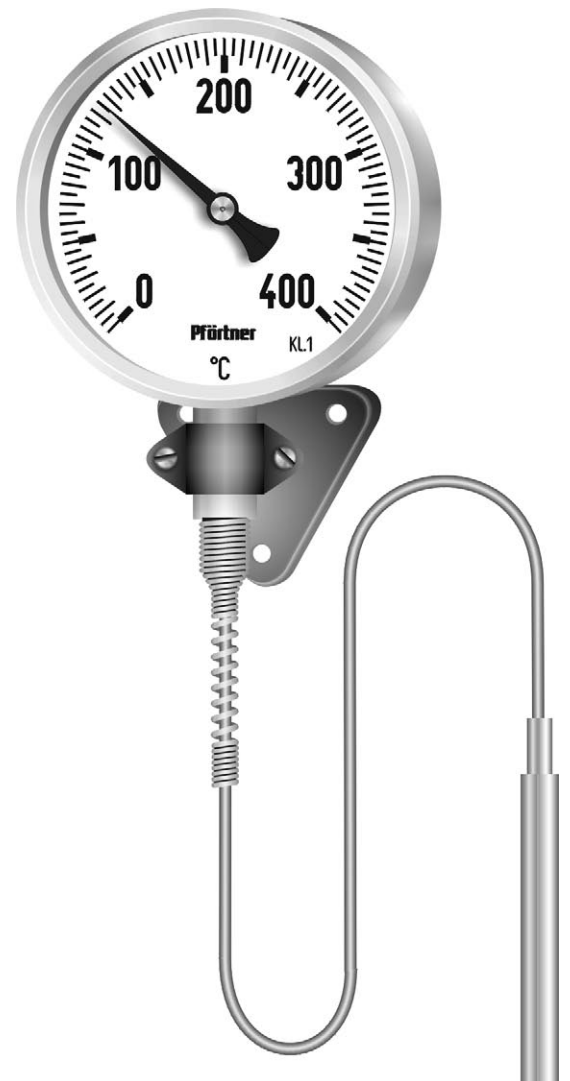
Wetted parts of stainless steel 1.4571 / AISI316Ti

Standard options

- Oil- fillings for damping
- Maximum- and marking pointer

Additional options (upon request)

- Safety glass or polycarbonate window for food industry
- Adjustable Pointer
- Dual scales °C/°F, customer specific scales
- Special materials for wetted parts



Suggestions for installation of thermometers with plain stem

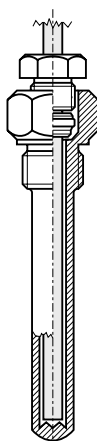
For further installation possibilities see chapter **protection tubes**

Protection tube

with integrated
compression
fitting

according to
datasheet :

15.10
16.10

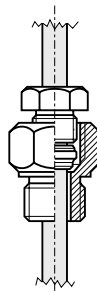


Compression fitting

screw-in
type

according to
datasheet :

18.10

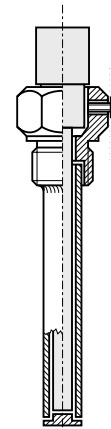


Protection tube

with lateral
attachment
screw

according to
datasheet :

16.16

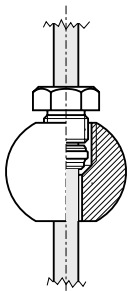


Compression fitting

weld-in type
for flexible
position

according to
datasheet :

18.10



Gasexpansion- thermometer

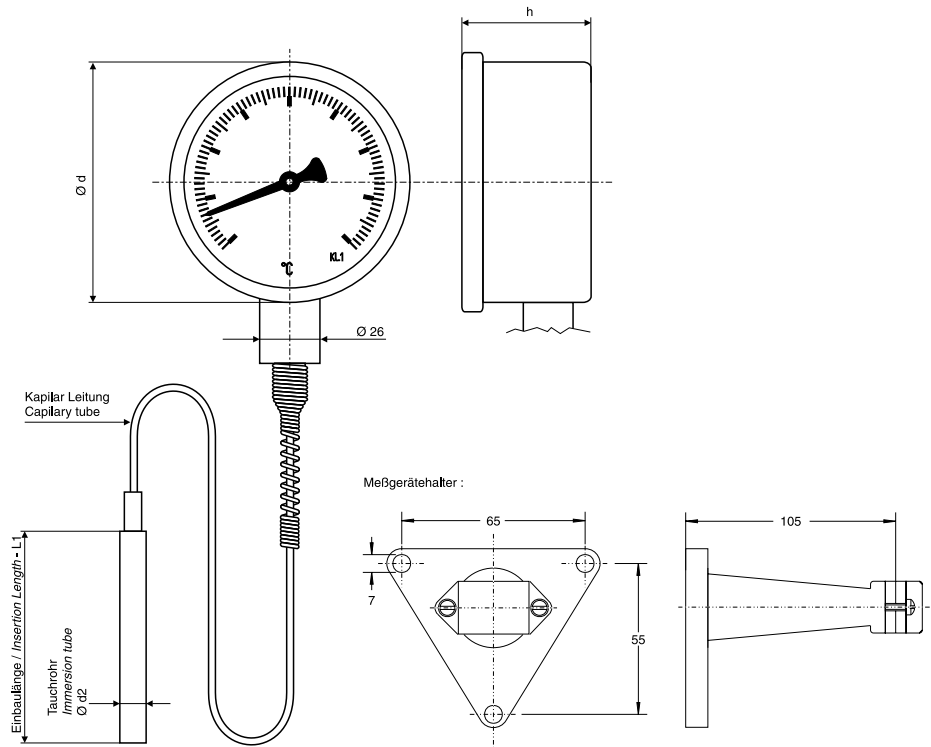
with wall bracket, case with rim-ring, with plain stem

Datasheet 56.10

Gasexpansion- thermometers

Case dimension	
Ordering code	C
NG 63	3
NG 80	4
NG 100	5

Scale ranges	
Ordering code	F G
- 40 ... + 40 °C	49
- 40 ... + 60 °C	50
- 30 ... + 50 °C	52
- 20 ... + 40 °C	53
- 20 ... + 60 °C	54
0 ... + 60 °C	58
0 ... + 80 °C	59
0 ... + 100 °C	60
0 ... + 120 °C	61
0 ... + 160 °C	62
0 ... + 200 °C	63
0 ... + 250 °C	64
0 ... + 300 °C	65
0 ... + 350 °C	66
0 ... + 400 °C	67
0 ... + 500 °C	68
0 ... + 600 °C	69
Special range	99



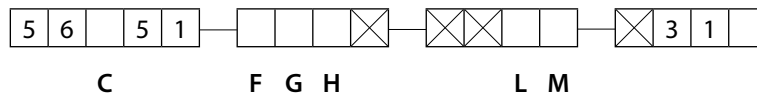
Additional equipment	
Ordering code	H
Without	0
Marking pointer	5
Maximum pointer	6
Siliconeoil filled	7
Glycerinoil filled	8

Capillary	
Ordering code	LM
Stainless steel	03
Stainless steel with PVC-coat	04
Stainless steel with spiral protecting hose	05

Ordering-code :

For ordering please fill out all empty digits in the order code on the right.

The code numbers for all free digits you find in the charts above.



For ordering please declare in plain language:

Ø Immersion tube (d_2): 6mm 8mm 10mm 12 mm Capillary length: m Special ranges (upon request) :°C to °C Insertion length (L_1) mm

Protection tube acc. to datasheet: