



Flanged Connection, Cell (Pancake) Diaphragm

Model: DIF-C



PRODUCT DESCRIPTION

▼
Instruments are connected via a side capillary connection and it is an ideal seal for transmitters or DP transmitters

▼
Be mounted between an open process flange and an optional cover flange

▼
Used for contaminated, solidifying, hot, or highly viscous media

▼
An alternative with high compatibility and corresponding specifications to the WIKA 990.28

PRODUCT SPECIFICATION

Type of process connection

ANSI/ ASME B16.5, JIS, DIN2527

Nominal diameter

1 1/2", 2", 3", 4"

Instrument connection

1/4, 3/8, 1/2

PT, G, NPT, M

Scale ranges

Pressure gauge:

1 1/2":

0 ... 6 bar to 0 ... 40 bar

2":

-1 ... 3 bar,

0 ... 4 bar to 0 ... 40 bar

3", 4":

-1 ... 1.5 bar,

0 ... 0.6 bar to 0 ... 40 bar

Transmitter:

1 1/2":

0 ... 2.5 bar to 0 ... 40 bar

2":

-1 ... 0.6 bar,

0 ... 0.25 bar to 0 ... 40 bar

3", 4":

-1 ... 0.6 bar,

0 ... 0.1 bar to 0 ... 40 bar

Cell-type with an extended diaphragm

Pressure gauge:

1 1/2":

0 ... 4 bar to 0 ... 40 bar

2":

-1 ... 3 bar,

0 ... 4 bar to 0 ... 40 bar

3", 4":

-1 ... 1.5 bar,

0 ... 0.6 bar to 0 ... 40 bar

Transmitter:

1 1/2":

0 ... 2.5 bar to 0 ... 40 bar

2":

-1 ... 0.6 bar,

0...0.25 bar to 0 ... 40 bar

3", 4":

-1 ... 0.6 bar,

0 ... 0.1 bar to 0 ... 40 bar

or all other equivalent vacuum or

combined pressure and vacuum ranges

Material

Body:

304 SS, 316 SS, 316L SS, dual phase steel, Hastelloy C276, Tantalum, Titanium, Monel 400, Nickel 200

Diaphragm:

316L SS, Hastelloy C276, Tantalum, Titanium, Monel 400, Nickel 200

Medium temperature

0°C ... 80°C,

81°C ... 200°C,

201°C ... 400°C

Others

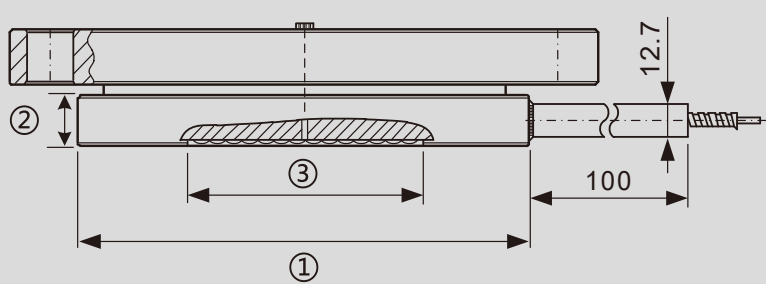
Welded with instrument, coating (PTFE or PFA), capillary, cooling element, spacer

* Note:

1. When the diaphragm material is 316L with PTFE coating, it must not be used in vacuum environments or for measuring media containing particles.

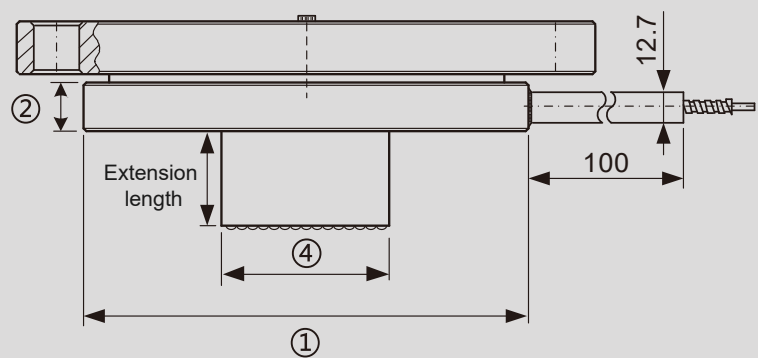
DIMENSIONS

Cell diaphragm



Unit: mm

Cell diaphragm + Spacer



Unit: mm

ANSI / ASME B16.5 150...2500LB				
Nominal diameter	①	②	③	④
1 1/2"	83	20	50	38
2"	100	20	58	47
3"	133	20	88	70
4"	170	20	88	90

JIS 5K...63K				
Nominal diameter	①	②	③	④
1 1/2"	85	20	50	38
2"	100	20	58	47
3"	130	20	88	70
4"	155	20	88	90

DIN PN6...PN64				
Nominal diameter	①	②	③	④
1 1/2"	92	20	50	38
2"	107	20	58	47
3"	142	20	88	70
4"	162	20	88	90



Gauging your needs!

ORDERING INFORMATION

Model / Type / Process connection / Nominal diameter / Material

Pressure gauge / Nominal size / Scale range / Medium temperature / Options

CONTACT INFORMATION

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- For any changes to the specifications of this catalogue,the latest version shall prevail. -

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