



# Flanged Connection

Model: DIF



## PRODUCT DESCRIPTION

- ▼ Screw type or welding type can be selected according to size requirements
- ▼ Used for sewage or fluids with difficult properties such as corrosive, high temperature, or crystallization
- ▼ Applicable for strict working environments including pharmaceuticals, chemical and petrochemical processing, etc.

## PRODUCT SPECIFICATION

### Type

Welded, screwed

### Type of process connection

ANSI/ ASME B16.5, JIS, DIN2527

### Nominal diameter

Welded: 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"

Screwed: 2", 3", 4"

### Instrument connection

1/4, 3/8, 1/2

PT, G, NPT, M

### Scale ranges- welded

Pressure gauge:

1/2", 3/4":

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

1", 1 1/4":

-1 ... 3 bar, 0 ... 2.5 bar to 0 ... 40 bar

1 1/2", 2":

-1 ... 1.5 bar, 0 ... 1.6 bar to 0 ... 40 bar

Transmitter:

1/2", 3/4":

0 ... 0.3 bar to 0 ... 40 bar

1", 1 1/4":

-1 ... 0.6 bar, 0 ... 0.25 bar to 0 ... 40 bar

1 1/2", 2":

-1 ... 0.6 bar, 0 ... 0.1 bar to 0 ... 40 bar

or all other equivalent vacuum or combined pressure and vacuum ranges

### Scale ranges- screwed

Pressure gauge:

-1 ... 1.5 bar, 0 ... 0.6 bar to 0 ... 40 bar

Transmitter:

-1 ... 0.6 bar, 0 ... 0.25 bar to 0 ... 40 bar

or all other equivalent vacuum or combined pressure and vacuum ranges

### Material

Body:

304 SS, 316 SS, 316L SS, Hastelloy

C276, Dual phase steel, Tantalum,

Monel 400, Titanium, Nickel 200

Diaphragm - welded:

316L SS, Hastelloy C276, Tantalum,

Monel 400, Titanium, Nickel 200

Diaphragm - screwed:

316L SS, Hastelloy C276, Tantalum,

Monel 400, Titanium, Nickel 200,

Silicone, Viton, 316L+PTFE\*1,

316L+PTFE Coating, PTFE

### Medium temperature

0°C ... 80°C,

81°C ... 200°C

201°C ... 400°C

### Others

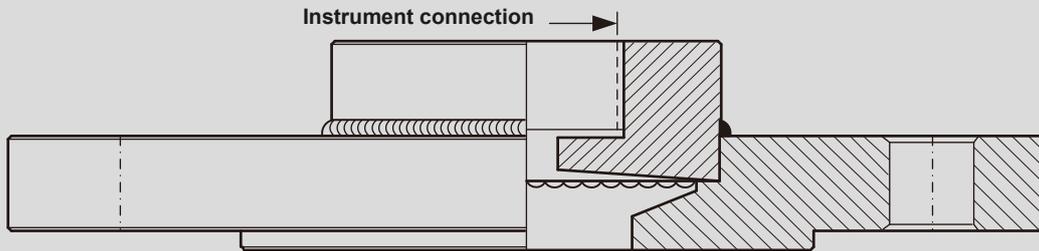
Welded with instrument, flush port, coating (PTFE, PFA), lining (metal or PTFE), capillary, cooling element

\* Note:

1. When the diaphragm material is 316L with PTFE, it is not suitable for vacuum applications.

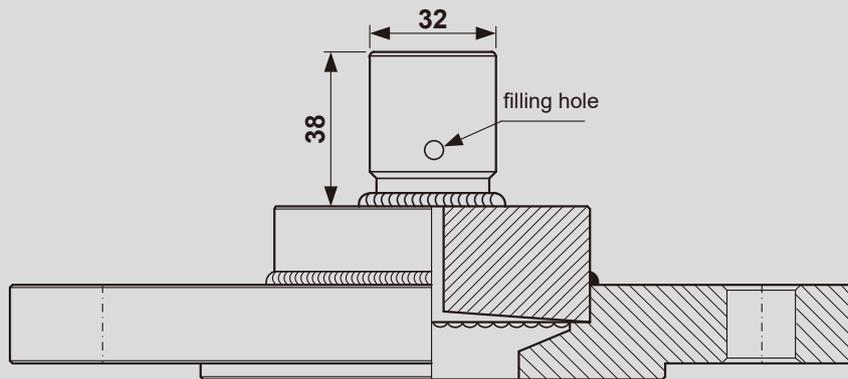
## DIMENSIONS

Welded type



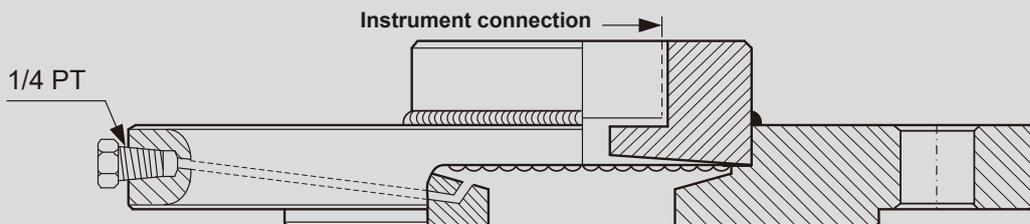
Unit: mm

Welded type + Welded with instrument



Unit: mm

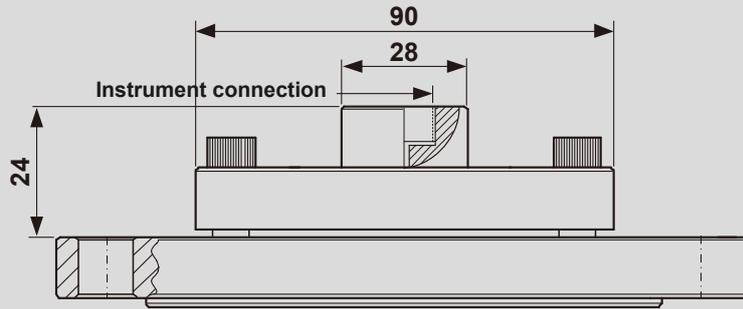
Welded type + Flush port



Unit: mm

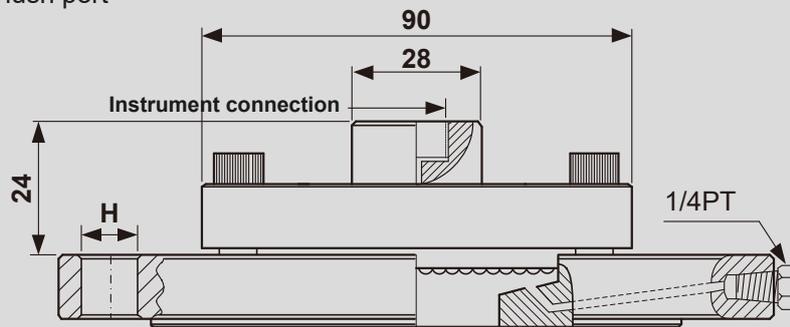
# DIMENSIONS

Screwed type



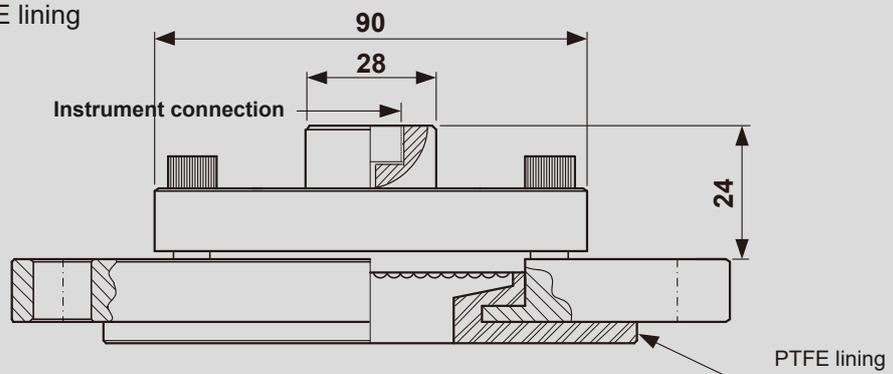
Unit: mm

Screwed type + Flush port



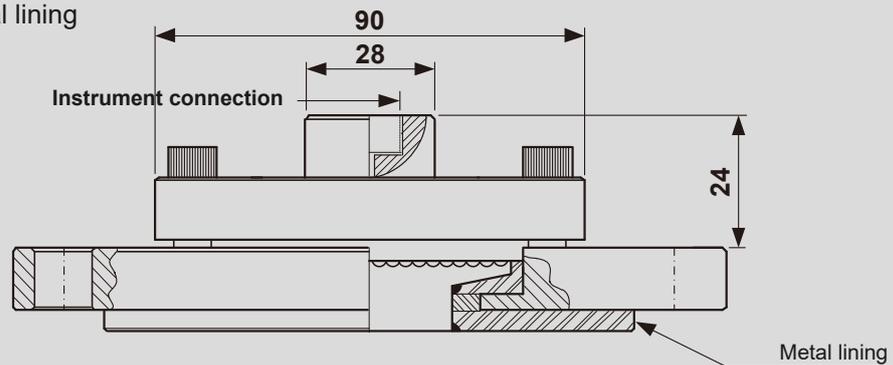
Unit: mm

Screwed type + PTFE lining



Unit: mm

Screwed type + Metal lining



Unit: mm



*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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