



SJ DIT-S



**CONNECTION
WITH STAMPED
DIAPHRAGM
SCREW**

Threaded Connection, Screwed Type

Model: DIT-S

Product Description

- Suitable for measuring corrosive or crystalline media
- The diaphragm can be removed for cleaning when blocked with fluid
- Mostly used in chemical processing and pharmaceutical industries



Left: 70 mm

Right: 90 mm

Product Specification

Diameter

70 mm, 90 mm, 97 mm, 130 mm,
160 mm

Process connection

Male, female, union nut and loose
threaded
1/4", 3/8", 1/2", 3/4", 1"
PT, G, NPT, M

Instrument connection

1/4", 3/8", 1/2", 3/4", 1"
PT, G, NPT, M

Scale ranges

70 mm
Pressure gauge:
0 ... 4 bar to 0 ... 60 bar

Transmitter:

0 ... 0.4 bar to 0 ... 60 bar
90 mm

Pressure gauge:

-1 ... 0 bar to -1 ... 60 bar

Transmitter:

0 ... 0.01 bar to -1 ... 60 bar
97 mm

Pressure gauge:

-1 ... 0 bar to -1 ... 60 bar

130 mm

Pressure gauge:

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

Transmitter:

0 ... 0.01 bar to -1 ... 40 bar
160 mm

Pressure gauge:

0 ... 0.1 bar to -1 ... 25 bar

Product Specification

Transmitter:

-0.05 ... 0.05 bar to -1 ... 25 bar
or all other equivalent vacuum or
combined pressure and vacuum ranges

Material

Upper body:

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

Lower body:

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

Diaphragm:

316L SS, PTFE, Hastelloy C276,
Tantalum, Titanium, Monel 400,
Nickel 200, Silicone, Viton, 316L+PTFE,
316L+PTFE Coating

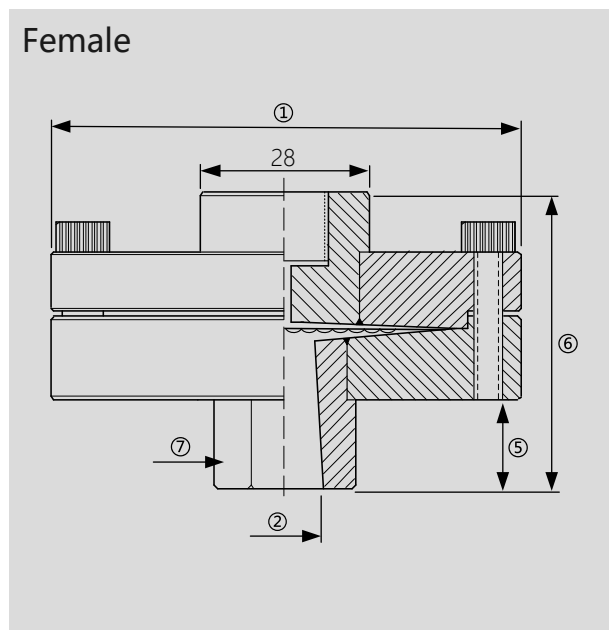
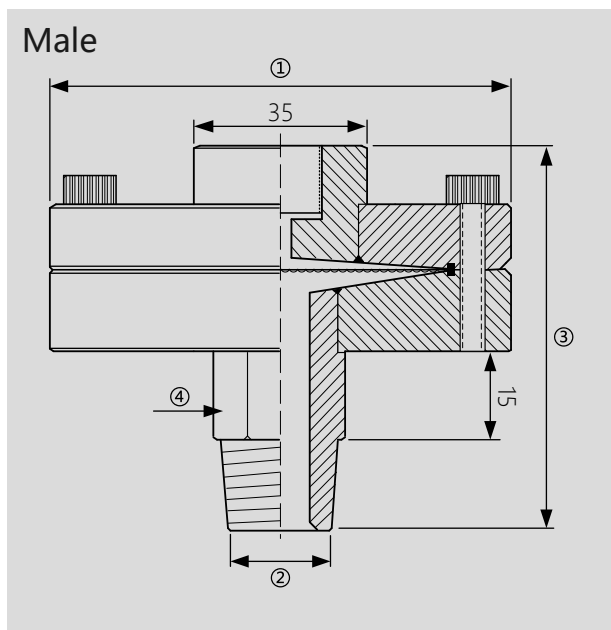
Medium temperature

0°C ... 80°C (standard) , 81°C ... 200°C,
201°C ... 400°C

Others

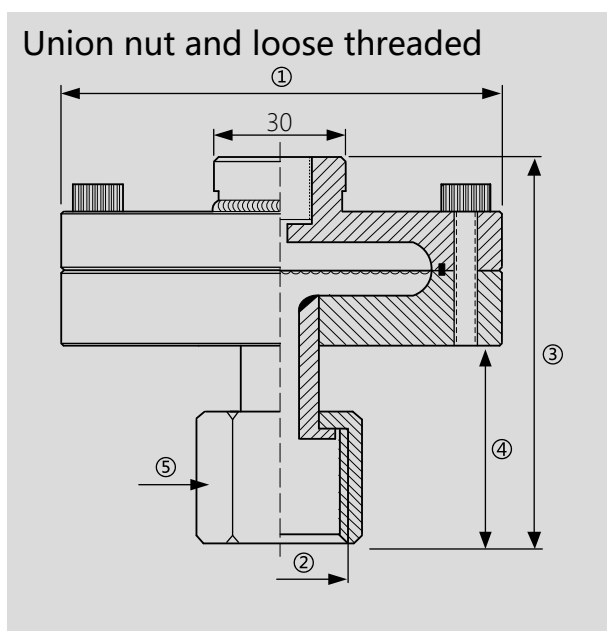
Welded with instrument, flush port

Dimensions



Dimensions (mm)						
①	②	③	④	⑤	⑥	⑦
$\varnothing 70$ $\varnothing 90$	1/4"	61	22	15	48	22
	3/8"	63	22	15	48	22
	1/2"	66	22	15	48	30
	3/4"	68	27	20	53	32
	1"	69	35	21	54	38
$\varnothing 130$ $\varnothing 160$	1/4"	81	22	15	68	22
	3/8"	83	22	15	68	22
	1/2"	86	22	15	68	30
	3/4"	88	27	20	73	32
	1"	89	35	21	74	38

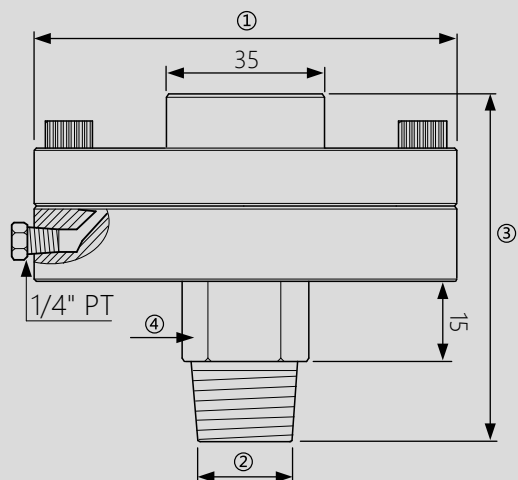
Dimensions



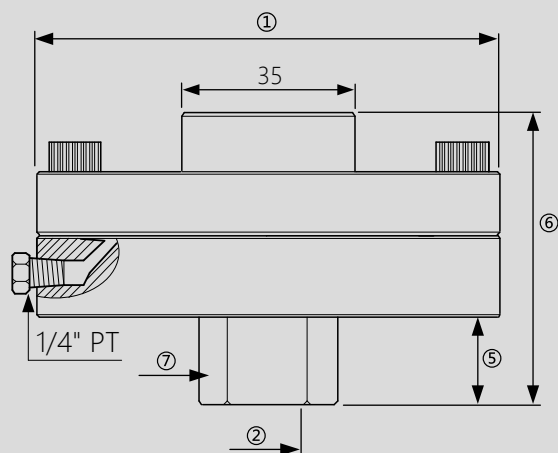
Dimensions (mm)				
①	②	③	④	⑤
$\varnothing 70$ $\varnothing 90$	1/4"	62	29	22
	3/8"	64	31	22
	1/2"	67	34	30
	3/4"	69	36	32
	1"	72	39	38
$\varnothing 130$ $\varnothing 160$	1/4"	82	29	22
	3/8"	84	31	22
	1/2"	87	34	30
	3/4"	89	36	32
	1"	92	39	38

Dimensions

Male+Flush port



Female+Flush port

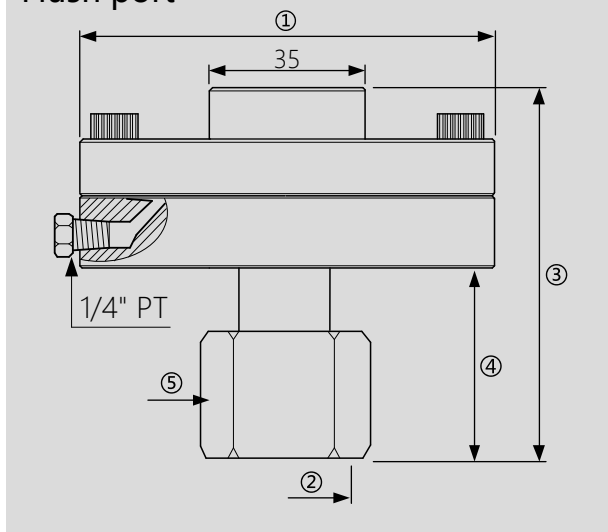


Dimensions (mm)

①	②	③	④	⑤	⑥	⑦
$\varnothing 70$ $\varnothing 90$	1/4"	76	22	15	63	22
	3/8"	78	22	15	63	22
	1/2"	81	22	15	63	30
	3/4"	83	27	20	68	32
	1"	84	35	21	69	38

Dimensions

Union nut and loose threaded+
Flush port



Dimensions (mm)				
①	②	③	④	⑤
$\varnothing 70$ $\varnothing 90$	1/4"	77	29	22
	3/8"	79	31	22
	1/2"	82	34	30
	3/4"	84	36	32
	1"	87	39	38

※ Ordering information

Model / Diameter / Process connection / Material / Connection location of pressure gauge / Nominal size / Scale range / Options

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

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