



Threaded Connection, Screwed

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

PRODUCT SPECIFICATION

Diameter

70 mm, 90 mm, 97 mm,
130 mm^{*1}, 160 mm^{*1}

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
PT, G, NPT, M

Scale ranges

70 mm
Pressure Gauge:
-1...5 bar, 0 ... 4 bar to 0 ... 60 bar
Transmitter:
-1...0.6 bar, 0 ... 0.25 bar to 0 ... 60 bar
90 mm
Pressure Gauge:
-1 ... 3 bar, 0...2.5 bar to 0 ... 60 bar
Transmitter:
0 ... 0.01 bar to -1 ... 60 bar
97 mm
Pressure Gauge:
-1 ... 60 bar
130 mm
Pressure Gauge:
-1...1.5 bar, 0 ... 0.6 bar to 0 ... 40 bar
Transmitter:
-1...0.6 bar, 0 ... 0.1 bar to 0 ... 40 bar
160 mm
Pressure Gauge:
-1...0.6 bar, 0 ... 0.6 bar to 0...25 bar
Transmitter:
-0.05 ... 0.05 bar, 0 ... 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^{*2}, Hastelloy C276,
Tantalum, Titanium, Monel 400, Nickel
200, Silicone, Viton, 316L+PTFE,
316L+PTFE Coating^{*3}

Medium temperature

0°C ... 80°C,
81°C ... 200°C,
201°C ... 400°C

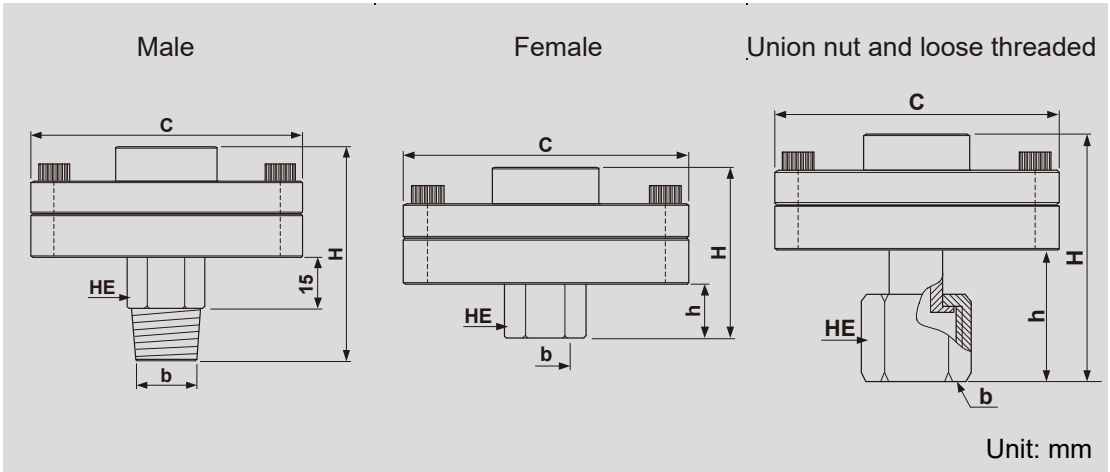
Others

Welded with instrument, flush port,
coating, lining

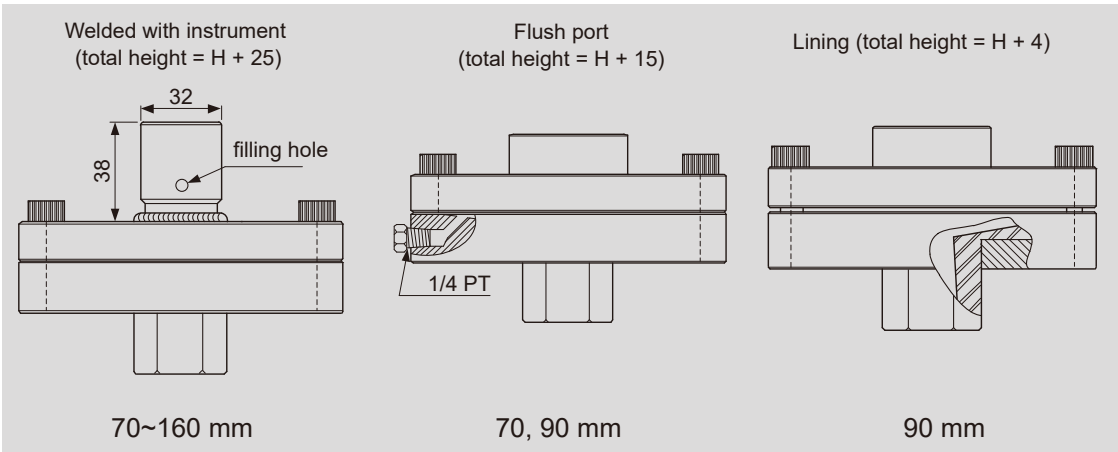
* Note:

1. Diaphragms with outer diameters of 130 mm / 160 mm are made of PTFE.
2. When the diaphragm material is PTFE, pressurized media must not be gas.
3. When the diaphragm material is 316L with PTFE coating, it must not be used in vacuum environments or for measuring media containing particles.

DIMENSIONS



C	b	Male		Female			Union nut and loose threaded		
		H	HE	h	H	HE	h	H	HE
70 90	1/4	61	22	15	48	22	29	62	22
	3/8	63	22	15	48	22	31	64	22
	1/2	66	22	15	48	30	34	67	30
	3/4	68	27	20	53	32	36	69	32
	1	69	35	21	54	38	39	72	38
130 160	1/4	81	22	15	68	22	29	82	22
	3/8	83	22	15	68	22	31	84	22
	1/2	86	22	15	68	30	34	87	30
	3/4	88	27	20	73	32	36	89	32
	1	89	35	21	74	38	39	92	38





Gauging your needs!

ORDERING INFORMATION

Model / Diameter / Process connection / Instrument connection / Scale range / 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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