





# Threaded Connection with Corrosion-resistant Plastic

Model: DIT-P



## PRODUCT DESCRIPTION

- ▼ Strong transient voltage resistance to protect the terminal module
- ▼ Dual diaphragm overload structure can easily cope with high overload tests
- ▼ Accurate filling fluid technology eliminates the effects of temperature and static pressure
- ▼ High-strength metal electrical protection housing meets the most rigorous environmental application

## PRODUCT SPECIFICATION

### Diameter

70 mm, 90 mm, 97 mm,  
130 mm\*<sup>1</sup>, 160 mm\*<sup>1</sup>

### Process connection

Male, female, socket welding  
1/4, 3/8, 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 ... 3 bar, 0 ... 2.5 bar to 0 ... 10 bar

Transmitter:

-1 ... 0.6, 0 ... 0.3 bar to 0 ... 10 bar

90 mm

Pressure gauge:

-1 ... 1.5 bar, 0 ... 0.6 bar to 0 ... 10 bar

Transmitter:

-1 ... 0.6, 0 ... 0.1 bar to 0 ... 10 bar

130 mm

Pressure gauge:

-1 ... 0.6 bar, 0 ... 0.25 bar to 0 ... 10 bar

Transmitter:

-1 ... 0.6 bar, 0 ... 0.1 bar to 0 ... 10 bar

160 mm

Pressure gauge:

-0.1 ... 0.1 bar, 0 ... 0.1 bar to 0 ... 10 bar

Transmitter:

-0.05 ... 0.05 bar to 0 ... 10 bar

or all other equivalent vacuum or combined pressure and vacuum ranges

### Material

Upper body:

PP, PVC, PVDF, PTFE

Lower body:

PP, PVC, PVDF, PTFE\*<sup>2</sup>

Diaphragm:

PTFE\*<sup>3</sup>, Hastelloy C276, Tantalum,

Titanium, Monel 400, Nickel 200,

Silicone, Viton, 316L+PTFE\*<sup>3</sup>,

316L+PTFE Coating\*<sup>4</sup>

### Medium temperature

0°C ... 60°C (PVC),

0°C ... 80°C (PP),

-40°C ... 120°C (PVDF),

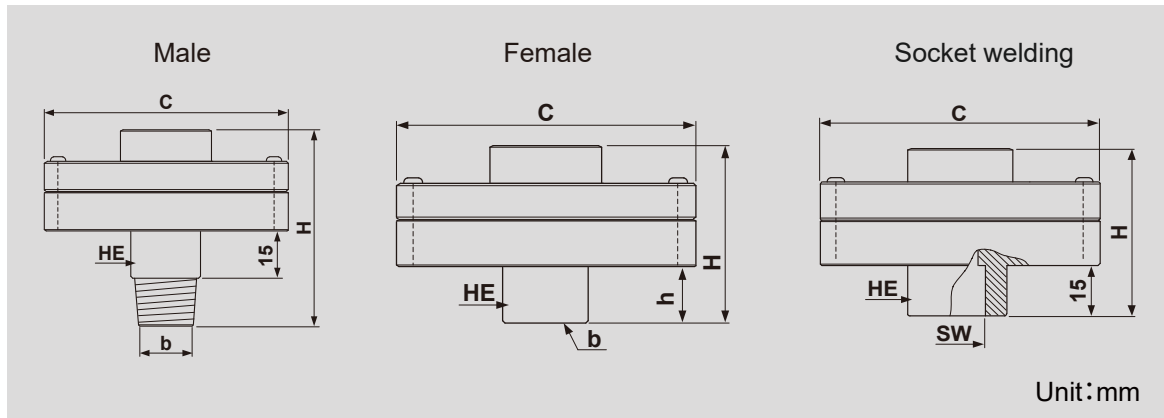
-200°C ... 240°C (PTFE)

\* Note:

1. The diaphragms with outer diameters of 130 mm / 160 mm are made of PTFE.
2. Socket welding is not supported when the lower body is made of PTFE.
3. When PTFE is selected as the diaphragm material, gas must not be used as the pressure medium.
4. When the diaphragm material is 316L with PTFE coating, it is not suitable for vacuum applications or for measuring media containing particles.

The product images displayed in the catalog are illustrative, and the actual products will be customized to your requirements.

## DIMENSIONS



Material: PP / PVC / PVDF

C	b	Male		Female			Socket welding		
		H	HE	h	H	HE	H	W	HE
70 90	1/4	68	35	15	55	35	55	14	27
	3/8	70	35	15	55	35	55	17.5	31
	1/2	73	35	15	55	35	55	22	35
	3/4	75	35	15	55	40	55	27.4	41
	1	76	35	15	55	45	55	34.2	48
130 160	1/4	71	50	15	58	35	58	14	27
	3/8	73	50	15	58	35	58	17.5	31
	1/2	76	50	15	58	35	58	22	35
	3/4	78	50	15	58	50	58	27.4	41
	1	79	60	15	58	60	58	34.2	48

Material: Upper body PP, lower body PTFE

C	b	Male		Female		
		H	HE	h	H	HE
70 90	1/4	64	35	15	51	35
	3/8	66	35	15	51	35
	1/2	69	35	15	51	42
	3/4	71	35	18	54	48
	1	72	35	18	54	48
130 160	1/4	73	50	15	60	35
	3/8	75	50	15	60	35
	1/2	78	50	15	60	42
	3/4	80	50	18	63	48
	1	81	60	18	63	48



# rsIMMA

*Elementos For Manufacturing Processes*



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