



SJ DIT-USLP



**ROPE CONNECTION
WITH
CC DIAPHRAGM
SEAL**

Threaded Connection, Upper Metal, Lower Plastic

Model: DIT-USLP

Product Description

- A metal upper body that connects to the instrument is tight and durable
- Large selection of top housings and process connections
- Ideal for processing corrosive fluids or other environmentally harmful medium



Left: Upper metal, lower PTFE - Female
 Right: Upper metal, lower PTFE - Male
 Bottom: Upper metal, lower PVC - Male

Product Specification

Diameter

70 mm, 90 mm, 130 mm, 160 mm

Process connection

Male, female, socket welding
 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:

0 ... 4 bar to 0 ... 10 bar

Transmitter:

0 ... 0.4 bar to 0 ... 10 bar

90 mm

Pressure gauge:

-1 ... 0 bar to -1 ... 10 bar

Transmitter:

0 ... 0.01 bar to -1 ... 10 bar
 130 mm

Pressure gauge:

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

Transmitter:

0 ... 0.01 bar to -1 ... 10 bar
 160 mm

Pressure gauge:

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

Transmitter:

-0.05 ... 0.05 bar to -1 ... 10 bar
 or all other equivalent vacuum or
 combined pressure and vacuum
 ranges

Product Specification

Material

Upper body:

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

Lower body:

PP, PVC, PVDF, PTFE

Diaphragm:

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

Medium temperature

0°C ... 80°C (PP/PVC),

-40°C ... 140°C (PVDF),

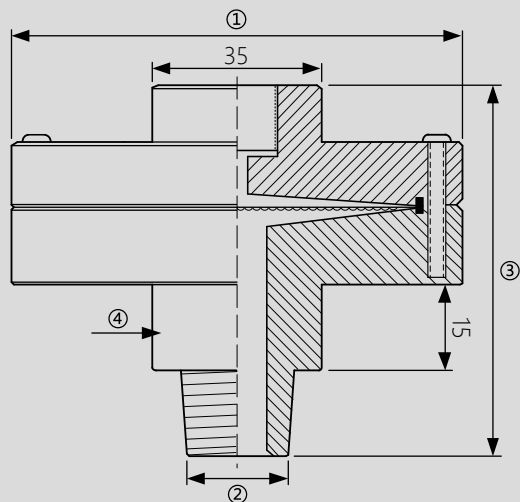
-200°C ... 260°C (PTFE)

Others

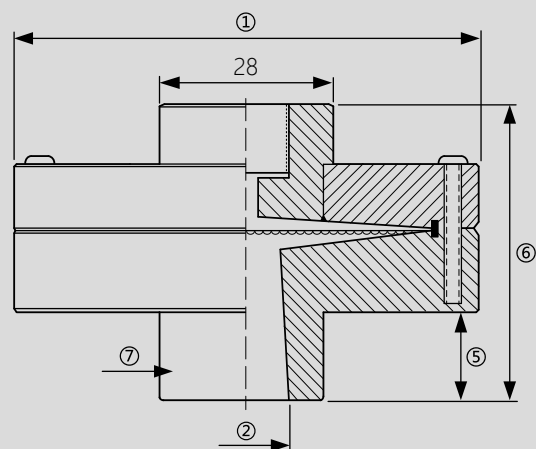
Welded with instrument

Dimensions

Upper metal, lower PP / PVC / PVDF
- Male



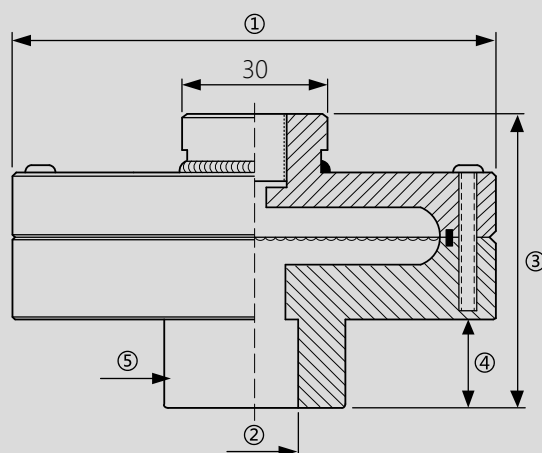
Upper metal, lower PP / PVC / PVDF
- Female



Dimensions (mm)						
①	②	③	④	⑤	⑥	⑦
$\varnothing 70$ $\varnothing 90$	1/4"	66	35	15	53	35
	3/8"	68	35	15	53	35
	1/2"	71	35	15	53	35
	3/4"	73	35	18	56	40
	1"	74	35	18	56	45
$\varnothing 130$ $\varnothing 160$	1/4"	84	50	15	71	35
	3/8"	86	50	15	71	35
	1/2"	89	50	15	71	35
	3/4"	91	50	18	74	40
	1"	92	60	18	74	45

Dimensions

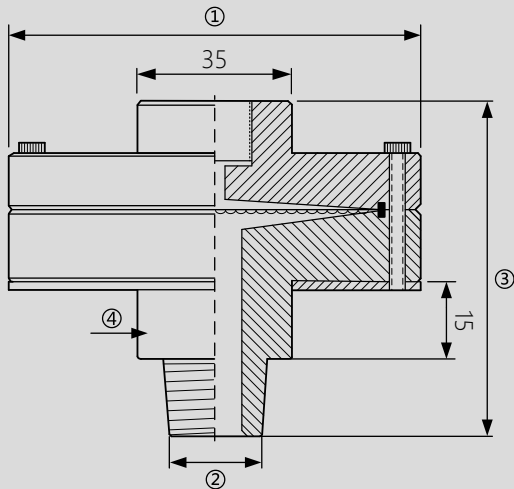
Upper metal, lower PP / PVC / PVDF
- Socket welding



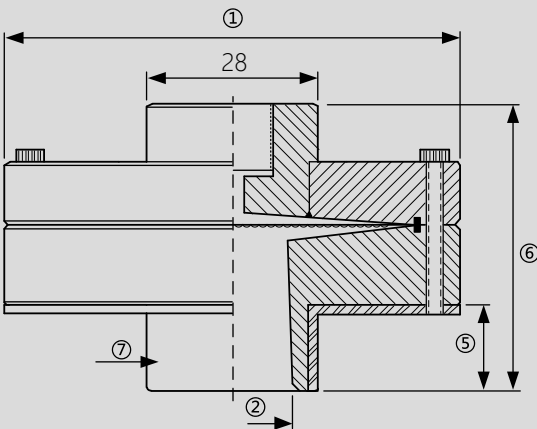
Dimensions (mm)				
①	②	③	④	⑤
$\varnothing 70$ $\varnothing 90$	14	53	15	27
	17.5	53	15	31
	22	53	15	35
	27.4	56	18	41
	34.2	56	18	48
$\varnothing 130$ $\varnothing 160$	14	71	15	27
	17.5	71	15	31
	22	71	15	35
	27.4	74	18	41
	34.2	74	18	48

Dimensions

Upper metal, lower PTFE
- Male



Upper metal, lower PTFE
- Female

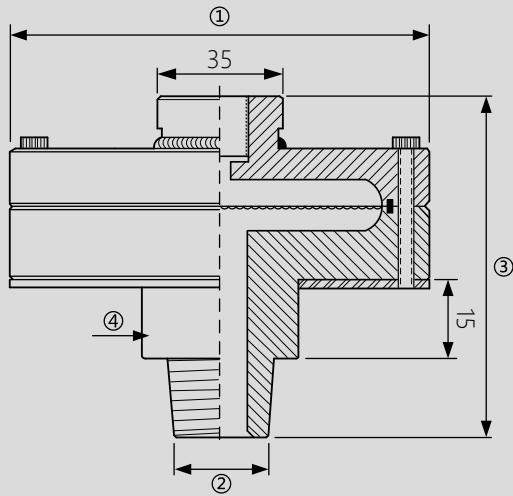


Dimensions (mm)

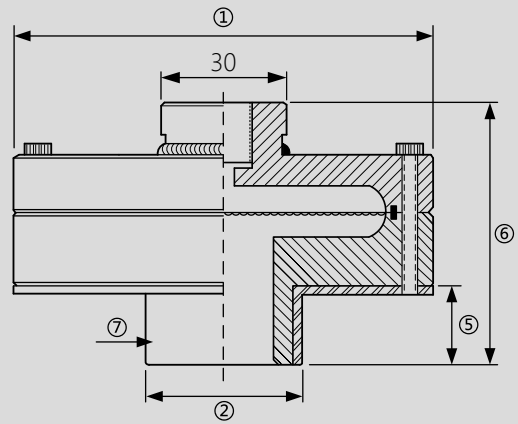
①	②	③	④	⑤	⑥	⑦
$\varnothing 70$ $\varnothing 90$	1/4"	61	35	15	48	42
	3/8"	63	35	15	48	42
	1/2"	66	35	15	48	42
	3/4"	68	35	18	51	48
	1"	69	35	18	51	48

Dimensions

Upper metal, lower PTFE
- Male



Upper metal, lower PTFE
- Female



Dimensions (mm)

①	②	③	④	⑤	⑥	⑦
$\varnothing$ 130 $\varnothing$ 160	1/4"	81	50	15	68	42
	3/8"	83	50	15	68	42
	1/2"	86	50	15	68	42
	3/4"	88	50	18	71	48
	1"	89	50	18	71	48

※ 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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