

Diaphragm Seals

Plastic Body, Threaded Design • Model 990.31

Diaphragm Seals

Service intended

Diaphragm seal to combine with bourdon tube pressure gauges.
Intended for agricultural spraying equipment and waste water.

Design

Internal diaphragm

Process connection

Multi-purpose connection, optional usable as threaded, glue or welding connection

Pressure rating

PN 10 at +20 °C

Suitable pressure ranges

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

not suitable for + / - ranges and vacuum ranges

Standard features

Process connection

PVC (polyvinylchlorid),
Multi purpose connector per DIN 19 532
with adaptors G ½ female,
DN 25 neck to be bonded and DN 25 welding neck

Diaphragm

CSM-coutchouk with PTFE overlay foil

Instrument connection

PVC (polyvinylchlorid),
G ½ female

Bolting

Stainless steel 1.4301

Operating temperature

Process connection PVC: -20 ... +60 °C

Process connection PP: +10 ... +80 °C

Process connection PVDF: -40 ... +120 °C

Optional extras

Process connection

- PP (polypropylene)
- PVDF (polyvinylidenfluoride)
- Adaptors G ¼ female, DN 15 neck to be bonded
- DN 15 welding neck (not with PVC body)

Instrument connection

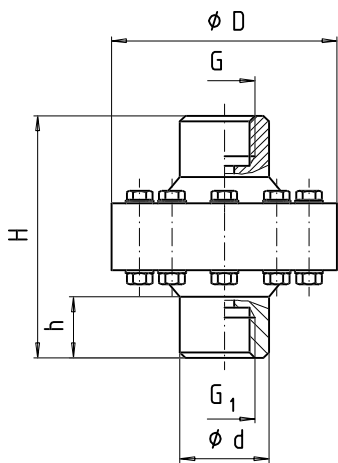
- PP (polypropylene)
- PVDF (polyvinylidenfluoride)
- G ¼ female

Bolting

- Titanium



Dimensions
Standard version



1037 153.01

DN	PN [bar]	Dimensions [mm]					Weight [kg]
		D	d	H	h	G / G ₁	
15	10	81	25	87	18	G ¼	0.25
25	10	81	32	87	22	G ½	0.46

Ordering information

Model / Size of connection / Filling liquid / Pressure instrument desired / Process conditions as per questionnaire / Optional extras required

Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing.
Modifications may take place and materials specified may be replaced by others without prior notice.



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