

PRESSURE GAUGE DIAPHRAGM SEAL



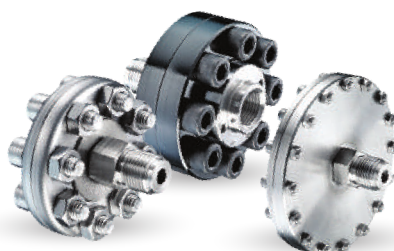
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Baumer



PP / PVDF Type



Low to High Pressure Type



Flanged Type



Robust & Compact Type



Flush Mounted Type

SPECIFICATION - TECHNICAL DATA

Diaphragm Seal Type	PP / PVDF	Robust & Compact	Flush Mounted	Low to High Pressure
General Data	- Suitable for very aggressive media - No metallic part in contact with media	Applicable for corrosive media	- Cleaning ring optional - Coating optional	- For low pressure to very high pressure - Cleaning ring optional - Suitable for corrosive media - High temperature range
Industries	Oil & gas / Chemical water / Waste water energy, Transport & logistics, Machinery	Oil & gas / Chemical water / Waste water energy, Transport & logistics, Machinery	Oil & gas / Chemical water / Waste water energy, Transport & logistics	Oil & gas / Chemical water / Waste water energy, Machinery
Process Connection	G 1/2	G 1/4 / G 1/2 / 1/4 NPT / 1/2 NPT	G 1/2 / G 3/4 / G 1 / G 1-1/2 / G 2 / 1/2 NPT / 3/4 NPT / 1 NPT / 1-1/2 NPT / 2 NPT / EN 1759-1 / EN 1092-1 / ASME B16.5	G 1/4 / G 1/2 / 1/4 NPT / 1/2 NPT
Normal Size	-	-	-	-
Body Material	PP / PVDF	Stainless steel	-	Stainless steel, Uranus B6, Hastelloy B, Hastelloy C, Tantalum, Monel, PVC, PVDF, PPH, PTFE
Flange Material	-	-	Stainless Steel	-
Diaphragm Material	EPDM / PTFE lining	Stainless steel	Stainless steel, Uranus B6, Hastelloy B, Hastelloy C, Tantalum	Stainless steel, Uranus B6, Hastelloy B, Hastelloy C, Tantalum, Monel
Measuring Ranges	0 ... 2.5 Bar to 0 ... 10 Bar	0 ... 1 Bar to 0 ... 250 Bar	0 ... 25 mBar to 0 ... 400 Bar	0 ... 160 Bar to 0 ... 1000 Bar 0 ... 160 mBar
Nominal Size	-	-	DN 50 ... 100 2" ... 4"	-
Pressure Rating	-	-	PN 10 ... 100 Class 150 ... 2500	-
Approval	-	-	NACE MR0103, MR0175	-
Additional Information	-	-	-	-

*Specification given are subject to changed without further notice.



Process Transmitter Type



Tongue Type



Hygienic Type

SPECIFICATION - TECHNICAL DATA

Diaphragm Seal Type	Flanged	Process Transmitter	Tongue	Hygienic
General Data	- Many process connection standards available - Cleaning ring optional - Coating optional	- Pressure, level and flow measurement - Max. 400°C - Low static pressure to high static pressure	- Longitudinal starshaped seal - Applicable for corrosive media - Compact diaphragm seal	- Clamp connection - SMS 1145 (with union nut) - SMS 1145 (threaded socket) - Varivent - Clamp with extended membrane for flush mounting in tanks or pipes - Clamp with extended membrane for flush mounting - DIN 11851 (with union nut) - DIN 11851 (threaded socket) - In line seals for hygienic applications - DIN 32676, ISO 2852, SMS 1146, DIN 11851
Industries	Oil & gas / Chemical water / Waste water energy, Transport & logistics	Oil & gas / Chemical energy	Oil & gas / Chemical water / Waste water energy, Machinery	Food & beverage, Laboratory & medical, Water / Waste water, Machinery
Process Connection	EN 1759-1 / EN 1092-1 / ASME B16.5	EN 1759-1 / ASME B16.5	G 3/4 DIN 3852 / G 1/2 DIN 3852 / Union nut G 3/4 or G1	-
Normal Size	-	-	-	DN 25, 38, 51, 1", 1-1/2", 2"
Body Material	Stainless steel, Uranus B6, Hastelloy B, Hastelloy C, Monel, PVC, PVDF, PPH, PTFE	-	Stainless steel	Stainless steel 1.4435 (316L)
Body Material	-	Stainless Steel	-	-
Diaphragm Material	Stainless steel, Uranus B6, Hastelloy B, Hastelloy C, Tantalum Monel	Stainless steel, Hastelloy C	Stainless steel	Stainless steel 1.4435 (316L), Hastelloy C
Measuring Ranges	0 ... 160 mBar to 0 ... 420 Bar	0 ... 10 mBar to 0 ... 420 Bar	0 ... 2.5 Bar to 0 ... 1000 Bar	0 ... 1 Bar to 0 ... 40 Bar
Nominal Size	DN 10 ... 65 3/8" ... 2-1/2"	DN 15 ... 50 1/2" ... 2"	-	-
Pressure Rating	PN 10 ... 420 Class 150 ... 2500	Class 150 ... 2500	-	-
Approval	-	NACE MR0103, MR0175	-	3-A
Additional Information	-	-	-	- Ra < 0.8µm - Option electropolished Ra < 0.4µm

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