

FEATURES/BENEFITS

- 100% non-metallic construction
- Dual containment protection against potential contamination
- All molded high purity PFA body; PTFE diaphragm
- Proprietary diaphragm seals with no hold up volume or elastomers
- Easy fill/bleed dual fill ports
- Patent Pending leak detection design
- Variety of mounts optional including fuse bonded Flow-thru tee option
- Optionally available with gauge or pressure transducer installed

FURON® GAUGE PROTECTOR

Double Diaphragm, Molded



OPERATION

- Fast response
- Media fluid is isolated from filler fluid by PTFE diaphragm
- Upper unit is filled by filler fluid during installation
- IPA/DI water, glycerin, or other isolation fluid can be used as filler fluid

APPLICATIONS

- Isolates metal gauge or pressure transducer from media
- Typically used to indicate remaining filter life
- Protects downstream plumbing and equipment
- Double diaphragm protects high temperature media from filler fluid
- Leak detection port can be used to purge and isolate highly permeable chemical media from filler fluid and gauge

FURON® GAUGE PROTECTOR – Double Diaphragm, Molded

ORDERING INFORMATION

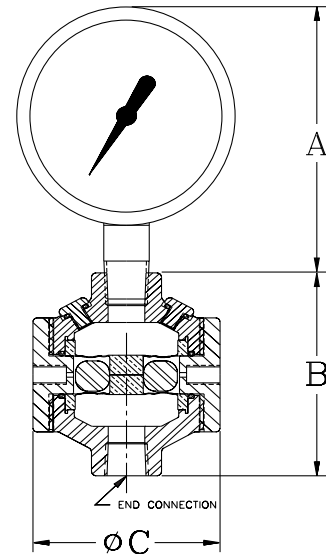
PART NO.	END CONNECTION	GAUGE MOUNTING	PORT SIZE	STAINLESS STEEL GAUGE RATING	FLUID DESIGNATION	A	B	ØC
GPMD0-144-O-O	FNPT	1/4-18 FNPT	1/4	WITHOUT GAUGE	N/A	N/A	2.69 (68.3mm)	2.24 (56.9mm)
GPMDF-144-B-DI	FNPT	1/4-18 FNPT	1/4	0-30 PSIG	DI WATER	3.50 (88.9mm)	2.69 (68.3mm)	2.24 (56.9mm)
GPMDF-144-C-DI	FNPT	1/4-18 FNPT	1/4	0-60 PSIG	DI WATER	3.50 (88.9mm)	2.69 (68.3mm)	2.24 (56.9mm)
GPMDF-144-D-DI	FNPT	1/4-18 FNPT	1/4	0-100 PSIG	DI WATER	3.50 (88.9mm)	2.69 (68.3mm)	2.24 (56.9mm)
GPMDF-144-E-DI	FNPT	1/4-18 FNPT	1/4	0-160 PSIG	DI WATER	3.50 (88.9mm)	2.69 (68.3mm)	2.24 (56.9mm)

STANDARD OPTIONS

- Port Size: 1/2"
- Gauge Mounting: 1/8-27 FNPT
- Other fluid designations available: Glycerin, DI water and IPA Mixture
- Other port sizes available
- Close couple Flare Grip® end connections for reduced footprint in multi-component systems.
- Standard Options are readily available with slightly longer lead times.
- Please contact your local distributor or factory for part number, price and delivery.

NON-STANDARD OPTIONS

- Flow-thru tee — Fuse bonded to Gauge Protector to eliminate potential wetted threads
- Pressure Transducer with LCD readout in Pascal and PSIG
 - Rated at:
 - 0 to 145 PSIG (0 to 1000 kPa)
- Custom End Connections available.
- Special fluid designations available.
- Non-Standard Options and custom configurations are welcome.
- Please consult factory for part number, price and delivery.

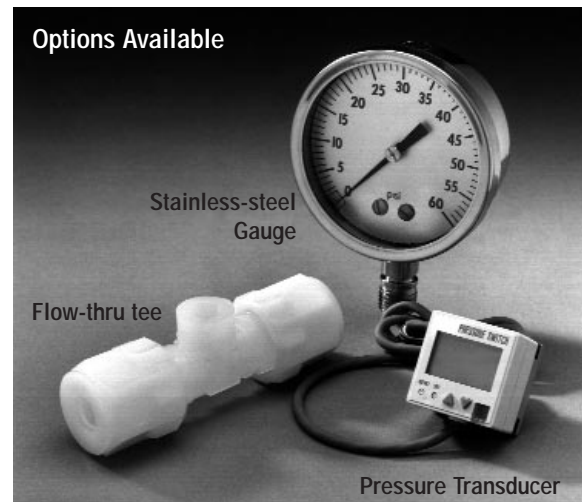


SPECIFICATIONS AND PERFORMANCE

- Maximum Temperature: 302°F (150°C)
- Maximum Pressure: 120 PSIG (827 kPa) @ Room Temperature
- Accuracy: 5% of Full Scale*

NOTES

- * Gauge protector accuracy performance directly related to the amount of air trapped while filling the gauge and pressure transducer chamber. Minimum gauge accuracy of 5% of full scale when filled by Furon Fluid Handling Product manufacturing facility. Units filled by customer may result in varied level of accuracy.



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Flare Grip® is a registered trademark.

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