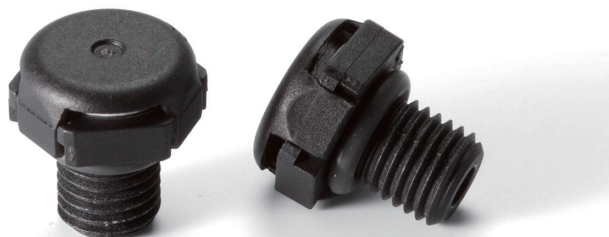


PMF-6B

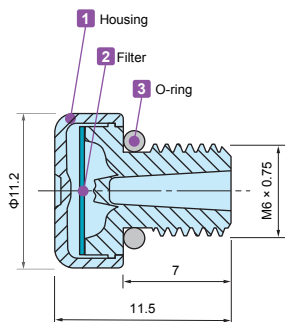
SMALL PROTECTIVE VENT



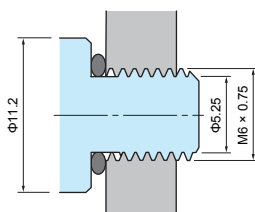
Application example

- Small and screw-in protective vent suitable for compact, and hand-held type devices.
- IP68 protection class (water depth 2 meters / 60 mins) and -40°C ~ +150°C operating temperature range allows it to be used in various environments.
- Suitable for enclosures with capacities of 2.0 litres or under.
- For outdoor use, installation on the side of the enclosure unit is recommended.

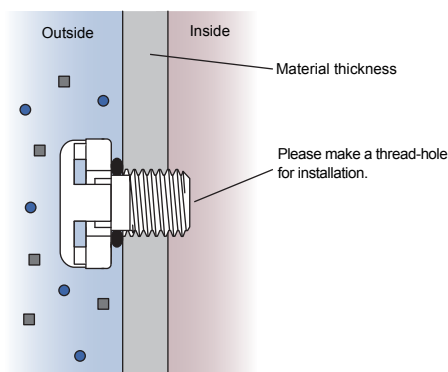
PMF-6B dimensions



Hole milling drawings



Installation drawings



Technical Data

Airflow	300ml / min (dp = 7 kPa)
Recommended Torque	0.2 ~ 0.4 N • m
Certifications	IEC60529 (Protection class test) : IP66 • IP67 • IP68 IEC60068-2-1, 2, 14 (Heat resistance test) : -40°C ~ +150°C IEC60068-2-78 (Humidity test) : 85°C • 85% humidity • 1000 hours IEC60068-2-64 (Vibration test) UL94V-0 (Flame-resistant) • UL746C f1

Product no. / Dimensions

Product no.	Material			G	
● Black	1 Housing	2 Filter	3 O-ring	Thread size	Mount hole
PMF-6B	PA6 (Body) • PA66 (Cap)	PTFE	Silicone	M6 x 0.75	—

PMF-12 SERIES

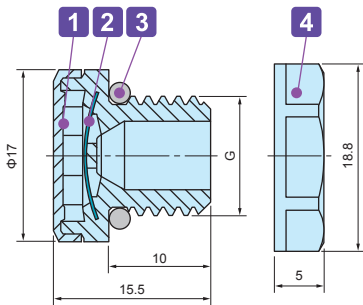
PROTECTIVE VENT



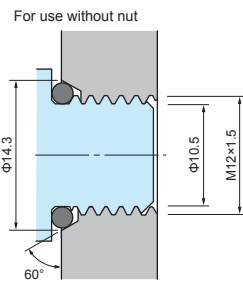
Application example

- Protective vents prevents the ingress of a variety of contaminants, such as water, dust and other particulates while allowing water vapor molecules to diffuse through the microporous membrane.
- Equalize pressure and reduce condensation by allowing airflow into and out of sealed enclosures.
- With an IP68 protection class (water depth 2 meters / 60 mins) and -40°C ~ +125°C operating temperature range, it can be used in harsh environmental conditions.
- For outdoor use, installation on the side of the enclosure unit is recommended.

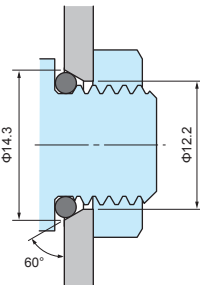
PMF-12 dimensions



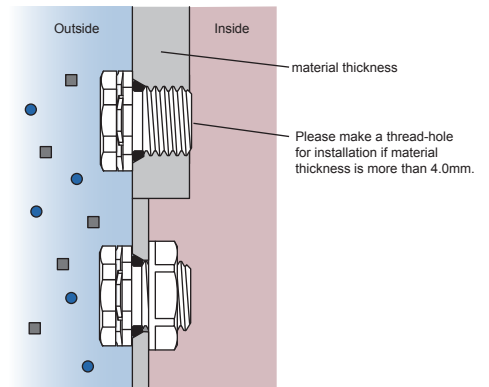
Hole milling drawings



For use with nut
 ■ Mill either a Φ12.2 circular hole, or as per the following illustration.



Installation drawings



- If used with a lock nut, material thickness should not exceed 4.0mm.

Technical Data

Product no.	PMF-12	PMF-12HA
Airflow	450ml / min (dp = 70 mbar)	2000ml / min (dp = 70 mbar)
Water pressure	0.6 bar / 30 sec	0.3 bar / 30 sec
Recommended torque	0.6 ~ 0.8 N · m	
Certifications (without nut)	IEC529, 2nd (Protection class test): IP66 · IP67 · IP68 · IP69K IEC60068-2-1, 2, 14 (Heat resistance test): - 40°C ~ +125°C IEC600-2-78 (Humidity test): 85°C · 85% humidity · 1000 hours UL94-V0 f1 (Flame-resistant)	

Product no. / Dimensions

Product no.		Material				G		Nut SW
● Light gray	● Black	1 Housing	2 Filter	3 O-ring	4 Lock nut	Thread size	Mount hole	
PMF-12S	PMF-12B	PA6 GF10% UL94V-0	PTFE	Silicone	PA6 UL94V-2	M12x1.5	Φ12.2	17
PMF-12HAS	PMF-12HAB	PA6 GF10% UL94V-0	PTFE	Silicone	PA6 UL94V-2	M12x1.5	Φ12.2	17