

Screw Vent M12 Series – Effectively Protects Your Outdoor Devices In Harsh Environments



Amphenol LTW (ALTW) introduces the Screw Vent M12 series of waterproofing screws for industrial applications, providing a solution that reliably guarantees complete enclosure in industrial environments.

The Screw Vent M12 series strong and flexible plastic is made to withstand extreme changes in pressure while retaining its integrity. The M12's smooth and flat surface design also aids to keep liquids, oils, and moisture away, ensuring its waterproofing feature.

ALTW's screw vent offers a variety of options with numerous performances and characteristics to meet your requirements.



Harsh environment



Corrosion resistant



IPX8 waterproof



UL 94V-0. f1

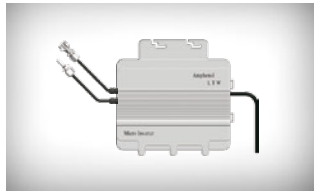
Applications:

LED Lighting



LED Wall Washer

Renewable Energy



Micro Inverter / Inverter

Broadband Wireless Access



Outdoor AP / CPE
+ Data Collector

Security



Outdoor IP Camera

Specifications :

Part Number	VENT-PS1NGY-N8001 (Gray) VENT-PS1NBK-N8001 (Black)	VENT-PS1NGY-N8002 (Gray) VENT-PS1NBK-N8002 (Black)	VENT-PS1NGY-O8001 (Gray) VENT-PS1NBK-O8001 (Black)	VENT-PS1NGY-O8002 (Gray) VENT-PS1NBK-O8002 (Black)	
Dimension					
Assembly Type	Screw M12x1.5				
Specification	Environment Temperature	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	
	Waterproof Rating	IP68 (2M · 60mins), IP69K	IP68 (2M · 60mins)	IP68 (2M · 60mins), IP69K	
	Air Permeability	> 1000ml/min @70mbar	> 3000ml/min @70mbar	> 550ml/min @70mbar	> 1000ml/min @70mbar
	Water Entry Pressure	> 60kPa	> 60kPa	> 60kPa	> 60kPa
Material	Housing	PA	PA	PA	PA
	Membrane	ePTFE (Hydrophobic)	ePTFE (Hydrophobic)	ePTFE (Oleophobic)	ePTFE (Oleophobic)
	Sealing	O-ring: Silicone (Blue)	O-ring: Silicone (Red)	O-ring: Silicone (Black)	O-ring: Silicone (Green)
	Housing Color	Gray / Black	Gray / Black	Gray / Black	Gray / Black
Test Standards	Thermal Shock: EIA 364-32 Waterproof: IEC 60529 & ISO 20653 Fungus: GB/T 2423.16	Thermal Shock: EIA 364-32 Waterproof: IEC 60529 & ISO 20653 Fungus: GB/T 2423.16	Thermal Shock: EIA 364-32 Waterproof: IEC 60529 & ISO 20653 Fungus: GB/T 2423.16	Thermal Shock: EIA 364-32 Waterproof: IEC 60529 & ISO 20653 Fungus: GB/T 2423.16	Thermal Shock: EIA 364-32 Waterproof: IEC 60529 & ISO 20653 Fungus: GB/T 2423.16

* VENT-PS1NGY-N8002 and VENT-PS1NBK-N8002 - available soon.
* Screw nut is optional purchase.

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Innovation in Waterproof Solution

* Design and specifications are subject to change without notice.