

Amphenol LTW's Metallic Vent Brings More Reliabilities to Your Outdoor Applications

Amphenol LTW (ALTW) is pleased to introduce our new metallic vent, a perfect electromagnetic shield, for your various applications. ALTW's metallic vent allows to balance the pressure difference when temperature changes rapidly inside or outside the sealed enclosure. Featured with IP68/69K waterproof rating, moisture can be cut off effectively during operation. Meanwhile, our metallic vent enables to avoid pollutants to drop into the enclosure because of high air permeability of membrane. ALTW also offers a series of plastic vents to make your outdoor devices more reliable in different environments.

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-BJ001 / VENT-BJ004	VENT-BJ002	VENT-BJ003	VENT-BJ005
Assembly Type		Screw M12x1.5	NUT	Snap-in	Screw M12x1.5
Specification	Environment Temperature	VENT-BJ001: -40°C~+105°C VENT-BJ004: -40°C~+125°C	-40°C~+105°C	-40°C~+105°C	-40°C~+105°C
	Waterproof Rating	VENT-BJ001: IP68(1M · 60mins), IP69K VENT-BJ004: IP68(2M · 30mins), IP69K	IP68(1M · 60mins), IP69K	IP68(1M · 60mins), IP69K	IP68(2M · 30mins), IP69K
	Air Permeability	VENT-BJ001: > 260ml/min @70mbar VENT-BJ004: > 450ml/min @70mbar	> 260ml/min @70mbar	> 260ml/min @70mbar	> 1760ml/min@70mbar
	Water Entry Pressure	VENT-BJ001: > 60kPa VENT-BJ004: > 29kPa	> 60kPa	> 60kPa	> 29kPa
Material	Housing	mPPE	mPPE	mPPE	Zinc Alloy
	Membrane	PTFE	PTFE	PTFE	PTFE
	Sealing	O-ring: Silicone	Gasket: Silicone	O-ring: Silicone	O-ring: Silicone
	Housing Color	Black	Black	Black	Silver
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 Salt spray: EIA-364-26 Waterproof: IEC 60529 & ISO 20653	

* IP69K = Water with high pressure/steam jet cleaning

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LED Market:

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About Amphenol LTW

Amphenol LTW has actively devoted to various outdoor and industrial applications by successfully developing high-end waterproof connectors to meet strict requirements; also has many worldwide patents and certification such as ISO 14001, ISO 9001 and NMEA 2000...etc.. Now Amphenol LTW is not merely a supplier of waterproof connectors but also a solution provider in diversified market segments.

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Innovation in Waterproof Solution

* Design and specifications are subject to change without notice.