

Comprehensive Range of Protective Vent Series

Reliable Solution Supporting Long Service Life To Devices

Metal



Stainless



Plastic



Transparent



Snap-in



M6

Amphenol LTW is proud to present a comprehensive range of protective Vent product line with Metallic/Plastic Snap-in/Stainless Steel versions that equalize the pressure inside/outside the sealed enclosure and prevent heat dissipation of electronic components from shortening devices service life and affecting components performances.

With waterproof IP68/IP69K ingress protection and hydrophobic/oleophobic membranes keep liquids, oils, and moisture out and reduces condensation in sealed enclosure.



Compact Design



IP66 / 68 / 69K



Hydrophobic Oleophobic



Harsh Environment



High Air Permeability

VENT | Applications



Industrial Automation



Farm Automation



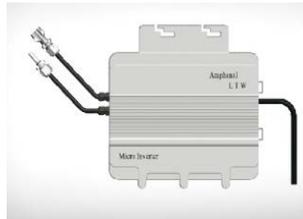
IP Closed-Circuit Television (IP CCTV) & Security



LED Lighting



Outdoor Broadband Wireless Access



Renewable Energy



Marine Electronics



Hybrid Electric Vehicle



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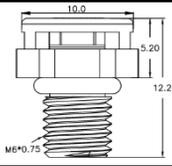
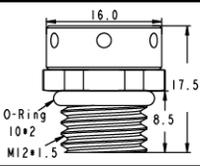
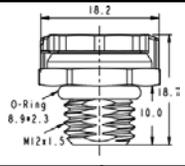
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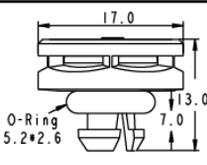
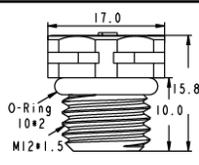
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Specification

Ordering Information		VENT-PS2NGY-O8001 (Gray) VENT-PS2NBK-O8001 (Black)	VENT-MS1NMS-O8001 (Stainless)	VENT-BJ005 (Metal)	VENT-MS1NME-O8001 (Metal)
Product Image					
Dimension					
Assembly Type		Screw M6x0.75	Screw M12x1.5	Screw M12x1.5	Screw M12x1.5
Specification	Environment Temperature	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C
	Waterproof Rating	IP68 (2M · 60mins)	IP68 (2M · 60mins), IP69K	IP68 (2M · 60mins), IP69K	IP68 (2M · 60mins), IP69K
	Air Permeability	> 300ml / min @70 mbar	> 1600ml/min @70mbar	> 1760ml/min @70mbar	> 1760ml/min @70mbar
Material	Housing	Nylon + GF (UL 94V-0 F1)	SUS316L	Zinc Alloy, Nickel Plated	Zinc Alloy, Nickel Plated
	Membrane	ePTFE (Oleophobic)	ePTFE (Oleophobic)	ePTFE (Hydrophobic)	ePTFE (Oleophobic)
	O-Ring	Silicone	Silicone	Silicone	Silicone
	Housing Color	Gray / Black	Silver	Silver	Silver

Ordering Information		VENT-PQ1NBK-N8001 (Black) VENT-PQ1NGY-N8001 (Gray) VENT-PQ1NBK-N8002 (Black) VENT-PQ1NGY-N8002 (Gray)	VENT-PQ1NBK-O8001 (Black) VENT-PQ1NGY-O8001 (Gray) VENT-PQ1NBK-O8002 (Black) VENT-PQ1NGY-O8002 (Gray)	VENT-PS1NCR-N8001 VENT-PS1NCR-N8002	VENT-PS1NCR-O8001 VENT-PS1NCR-O8002
Product Image					
Dimension					
Assembly Type		Snap-in	Snap-in	Screw M12x1.5	Screw M12x1.5
Specification	Environment Temperature	-40°C~+125°C	-40°C~+125°C	-20°C~+85°C	-20°C~+85°C
	Waterproof Rating	IP68 (2M · 60mins), IP69K	IP68 (2M · 60mins), IP69K	IP68 (2M · 60mins), IP69K	IP68 (2M · 60mins), IP69K
	Air Permeability	001 : > 1000 ml/min @70mbar 002 : > 3000 ml/min @70mbar	001 : > 550 ml/min @70mbar 002 : > 1000 ml/min @70mbar	001 : > 1000 ml/min @70mbar 002 : > 3000 ml/min @70mbar	001 : > 550 ml/min @70mbar 002 : > 3000 ml/min @70mbar
Material	Housing	Nylon, 94V-0, UV Resistance, UL	Nylon, 94V-0, UV Resistance, UL	PC+ABS , 94V-0, UV Resistance, UL	PC+ABS , 94V-0, UV Resistance, UL
	Membrane	ePTFE (Hydrophobic)	ePTFE (Oleophobic)	ePTFE (Hydrophobic)	ePTFE (Oleophobic)
	O-Ring	Silicone	Silicone	Silicone	Silicone
	Housing Color	Gray / Black	Gray / Black	Transparent	Transparent

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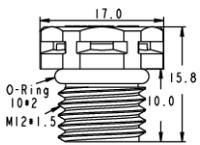
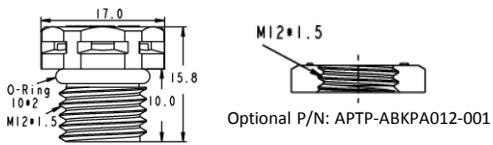


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Innovation In Waterproof Solutions

Specification

Ordering Information		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)	VENT-PS1YGY-N8001 (Gray) VENT-PS1YBK-N8001 (Black) VENT-PS1YGY-N8002 (Gray) VENT-PS1YBK-N8002 (Black)	VENT-PS1YGY-O8001 (Gray) VENT-PS1YBK-O8001 (Black) VENT-PS1YGY-O8002 (Gray) VENT-PS1YBK-O8002 (Black)
Product Image					
Dimension					
Assembly Type		Screw M12x1.5	Screw M12x1.5	Screw M12x1.5	Screw M12x1.5
Specification	Environment Temperature	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C
	Waterproof Rating	IP68 (2M · 60mins), IP69K			
	Air Permeability	001 : > 1000 ml/min @70mbar 002 : > 3000 ml/min @70mbar	001 : > 550 ml/min @70mbar 002 : > 1000 ml/min @70mbar	001 : > 1000 ml/min @70mbar 002 : > 3000 ml/min @70mbar	001 : > 550 ml/min @70mbar 002 : > 1000 ml/min @70mbar
Material	Housing	Nylon, 94V-0, UV Resistance, UL			
	Membrane	ePTFE (Hydrophobic)	ePTFE (Oleophobic)	ePTFE (Hydrophobic)	ePTFE (Oleophobic)
	O-Ring	Silicone	Silicone	Silicone	Silicone
	Housing Color	Gray / Black	Gray / Black	Gray / Black	Gray / Black



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