



Ventilation Plugs - HYDRA

Ventilation Plugs are used for equalizing the pressure inside and outside the enclosure. The same is achieved with the help of a membrane inside the ventilation plug, which allows for gases (air) to pass through it while blocking liquids and particulate solids (dust). Applications / Benefits : 1) These prevent components inside the enclosure from being exposed to pressurized gases when the enclosure heats up. (By virtue of pressure equalization) 2) These also prevent generation of vacuum inside the enclosure when a heated enclosure cools off. (e.g. In luminaires) 3) These help maintain IP 66 rating of the enclosure while allowing for the above benefits.

Technical Data

Material		Body, Cap Vent. Membrane:- Stainless Steel 316L Acrylic co-polymer on nylon-support
Temperature Range		Chloroprene Ex e/tb -40° C to +100° C
Protection Class		IP 66 (EN60529)
O Ring		Chloroprene
Certificate No		IBEXU 10 ATEX 1169 U
Equipment Marking		Ex II 2GD Ex e IIC Gb Ex t IIIC Db
Suitable for use in		Group II Gas Group IIC Zone1/Zone2 Group III Dust Group IIIC Zone21/Zone22

Approvals



Ordering Information

Cat. No.	Size	Thread Diameter D (mm)	Thread Length L (mm)	Spanner Size (mm)	Air Permeability lt/hour	Water Intrusion Pressure Bar	Standard Pack (Pieces)
MBBVP-X01L	M 12 x 1.5	12	10	17	25	0.5	50