




Ventilation plugs for Ex e applications

Ventilation Plugs

- Balances pressure differences between inside and outside of enclosure.
- Prevents damages, such as condensation due to pressure differences.
- Membrane properties: hydrophobic, oleophobic.

Technical Details

Body ,Cap	Stainless Steel 316L		
Material	Vent. Membrane	Acrylic copolymer on nylon-support	
	O-ring	NBR	
Ingress Protection Rating	IP 68* IP 66*		
Operating Temperature	Seal Material NBR		
	Ex e/tb	-40°C to +100°C	
Equipment For	• Gas & Dust potentially explosive atmospheres.		
Suitable for use in	Group II	Gas Group IIC	ZONE1/ZONE2
	Group III	Dust Group IIIC	ZONE21/ZONE 22
Equipment Marking	Ex II 2GD Ex eb IIC Ex tb IIIC Db		
Marking Example	BMD *BBVP... 0722 II 2GD Ex eb IIC GbEx tb IIIC Db IP 68 Ta-40°C to +100°C IMQ 13 ATEX 030X IECEx IMQ 14.0003X		
Type Protection	Ex eb ; Ex tb		
Thread Type	• Metric (M) ISO Pitch 1,5		
Remarks	• O-ring available in Metric outer threads. • * All Hydra plugs except UHBBVP-X01... have rating of IP66/IP68.		

Approvals	Certificate Number	Standards
	IMQ 13 ATEX 030X	EN 60079-0:2012+A11:2013 EN 60079-7:2015 EN 60079-31:2014
	IECEx IMQ 14.0003X	IEC 60079-0:2011 IEC 60079-7:2015 IEC 60079-31:2013
	No TC RU C-TR.AA87.B.00941	ГОСТ 31610.0-2014 ГОСТ IEC 60079-1:2013 ГОСТ IEC 60079-31:2013

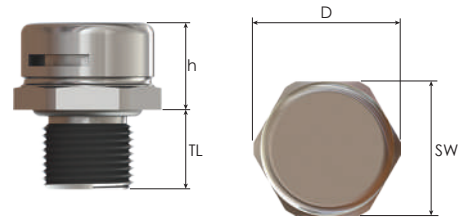
-For more information see our webpage.

* The standard marking consists ATEX & IECEx only. Marking acc. to other standards on request.



HYDRA

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Thread Type METRIC acc. to ISO 965-3							
Outer Thread Size (Male)	Average Air Flow $\Delta P=70$ mBar / 1 psi	Water Intrusion Pressure	Outer Thread Length	Spanner Width	Outer \varnothing	Height	Part Number
	l/h	bar	TL mm	SW mm	D mm	h mm	
M12x1,5	16	0,9	10,0	17	18,8	11,0	SBBVP-X01L
	25	0,5	10,0	17	18,8	11,0	MBBVP-X01L
	120	0,2	10,0	17	18,8	11,0	HBBVP-X01L
	300	0,1	10,0	17	18,8	11,0	UHBBVP-X01L

