



Ball Float vent Valve

With In-Line Deflagration Flame Arrester

Mod.1010 EN P



APPLICATION

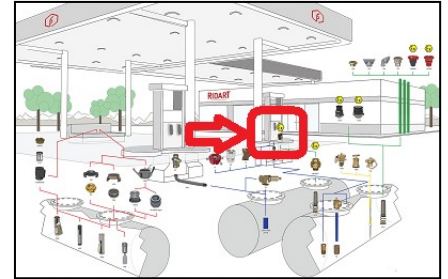


It's a Protection System with ribbon coil: deflagration in-line flame arrester in according with Directive 2014/34/EU and harmonized standard EN ISO 16852:2016.

- Used for hydrocarbons or chemical pipeline.
- Stage II vapor recovery compliant.
- The Flame Arrester avoids propagation of fire into the piping.
- Surface Protection System is for all ATEX zone (0, 1 and 2).

The best performances allowed by the new regulation:

- Max distance from the potential ignition is 50 pipe's diameter.
- Max operational pressure (relative) is 0,1 bar.



CE 477 Ex G IIB3

GAS & VAPOR COMPATIBILITY

Inflammable gases and vapours classification is necessary to correct use of flame arrester. UE-Type Examination Certificate EPT 18 ATEX 3053 X is for Explosion Group "IIB3" tested with Ethylene and compatible for all gas with MESG > 0.65 mm for example: Ammonia, Industrial methane, Blas-furnace gas, Carbon monoxide, Propane, Butane, Pentane, Esane, Eptane, Iso-octane, Decane, Benzene, Xilene, Cyclohexane, Acetone, Ethyl-methyl-ketone, Methyl acetate, Ethyl acetate, Normal propyl acetate, Normal butyl acetate, Amyl acetate, Cloroethylene, Methanol, Ethanol, Iso Butanol, Normal Butanol, Amyl alcohol and Ethyl nitrite. Use only for gas or vapor with MESG > 0.65 mm. Burning rating BC=b, t_{BT}=1 min. Max operational temperature 60°C.

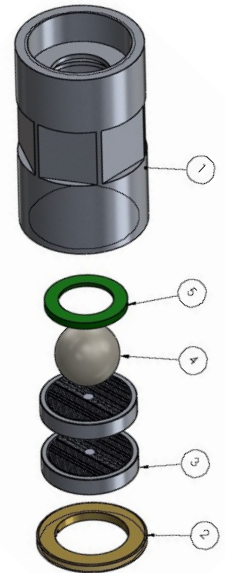
CHEMICAL SUITABILITY

- Standard model is for traditional fuel without additives.

ON REQUEST:

- "PTFE" model is for special fuel, non-aggressive solvents or chemical products.
- "SS" model is for aggressive solvents, acids or bases.

#	PART	1010 AL	1010 PTFE	1010 SS
	CODE	094940 EN P	094940 EN P PTFE	094940 EN P SS
1	BODY	ALUMINIUM	ALUMINIUM + PTFE COATING	STAINLESS STEEL
2	SUPPORT	BRASS	BRASS + PTFE COATING	STAINLESS STEEL
3	RIBBON COIL	STAINLESS STEEL		
4	FLOATING	PP HD		
5	SEAL	VITON®	TEFLON®	
	PROTECTED SIDE	FLOATING SIDE		
	AIR FLOW 2" PIPELINE (50 mbar)	l/min 1500		
	BSPP THREAD	2" F X 2" F		

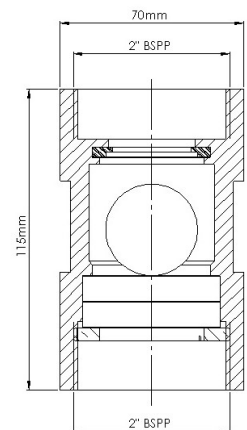


INSTALLATION

- Vapor line float valve is only for vertical installation.
- Protection System is unidirectional, the safety side is the floating side.
- For correct installation follow the Directives and product User Manual.
- Explosion Group is "IIB3" in according with EN ISO 16852 (MESG > 0.65 mm).
- Contact our technical department for custom application or maintenance by email to: quality@ridart.it
- Product Certification, Declaration of Conformity and User Manuals are available on: www.ridart.it/support

MAINTENANCE

- Periodically check the device is necessary to remove possible dirty, nests or insects.
- Always replace the product after fire or deflagration.
- In case of tampering warranty expires and safety protection is not guaranteed.



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Product Certification, Declaration of Conformity, User Manual and Testing on: www.ridart.it/support
 The Data and Images are not binding. We reserve the right to make changes without notice. Pressure & Flow Tolerances ±20%.