

Fiche de Validation de Matériaux (FVM)

N° 132iA

Date de
transmission

12/02/2019

LOTS	16B FLUIDES SPECIAUX
TYPE DE PRODUITS	Clapet anti-retour pare flamme

Description du produit *(A détailler)*

Marque : ROTAREX
Modèle : Série DF3L
Utilisation prévue : Bâtiment LWOFF
Délai de livraison : 3 semaines

Documents annexés	<input checked="" type="checkbox"/>	Fiches techniques : voir ci-dessous	Cachet du Titulaire Prénom, Nom, Date & Visa
	<input type="checkbox"/>	Plan(s) / Repérage : voir ci-dessous	
	<input type="checkbox"/>	Autre(s) document(s) : Notice d'utilisation	

Validation du Maître d'Ouvrage

Validations préalables

(si demande de validation du MO)

Cachet de l'INSA Prénom, Nom, Date & Visa Remarques éventuelles	Cachet de l'UCBL Prénom, Nom, Date & Visa Remarques éventuelles	Cachet de ... Prénom, Nom, Date & Visa Remarques éventuelles	Cachet de ... Prénom, Nom, Date & Visa Remarques éventuelles
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Remarques/précisions	<input type="checkbox"/>	Documents annexés :	Cachet du MO
			Prénom, Nom, Date & Visa

6 FLAME ARRESTORS

SERIE DF3L

- Product approved by validation test according to EN ISO 15615
- Product in compliance with the PED 97/23/EC directive



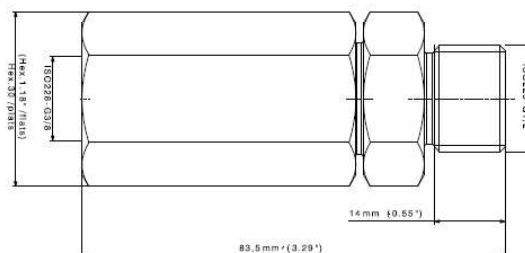
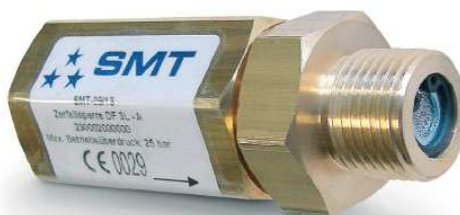
Can be combined with our switch over board CEN AD (acetylene) version for C_2H_2 applications.
If interested, please refer to the switch over board catalog.

APPLICATIONS

- Filling of acetylene cylinder. Located on the removable pipe, between the distribution pipe and the container to be filled, it can be installed horizontally, vertically or at an angle
- Installed on the high pressure side on a C_2H_2 supply equipment as defined in ISO 14114
 - For its non-return function, the DF3L device is located immediately downstream of the cylinder or bundle
 - For its fast-action automatic shut-off function, the DF3L is located upstream of the pressure regulator of the cylinder or supply equipment (See regulators or switch over boards catalog)

KEY FEATURES

- The DF3L is a multi-purpose safety device for high-pressure acetylene pipes. It is equipped with:
 - A fast-action automatic shut-off device, which cuts off the gas supply under the effect of an explosion due to decomposition of the acetylene or a flash back
 - A non-return valve, which prevents gas from flowing in the opposite direction to the normal flow
 - A flame arrestor, which prevents a flame from propagating in either direction



SPECIFICATIONS



Gas used	C_2H_2	Outlet connection	G½ male according to ISO 228	Weight	0.33 kg
Maximum operating pressure	25 bar	Body material	brass	Body diameter (maximum)	30 mm
Inlet connection	G¾ female according to ISO 228	Total length	83,5 mm	Pressure Drop: VS Flow	See p.14

