



Ex CERTIFICATED FTVS FLAME ARRESTOR

EXPLOSION-PROOF ENCLOSURE ACCESSORIES

en

01 - 2020

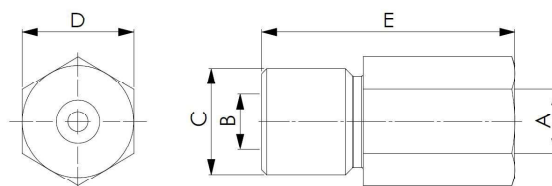
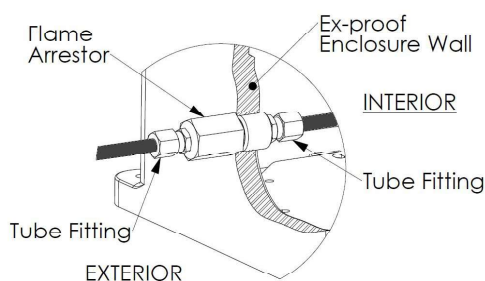


DESCRIPTION

Flame arrestor is a safety device purposed to prevent flame propagation inside process lines of a system to avoid an ignition. It provides connection of tubing systems for electro/pneumatic and gas/liquid analysis devices through the wall of the explosionproof enclosure. Pressure switches, moisture analyzers and gas analyzers/sensors are the typical applications.

It is suitable for the installation in the industrial plants with potentially hazardous atmosphere classified as Zone 1 and Zone 2 for gases and Zone 21 and Zone 22 for combustible dusts.

INSTALLATION SCHEME



SPECIFICATIONS

EXPLOSION PROTECTION	Conformity	ATEX Directive ATEX2014/34/UE
	Certification	ATEX - INERIS 12ATEX9013U IECEX - INE 12.0002U ISO 16852 : 2016
	Marking	II 2 GD Ex-db IIC T6/T5/T4 Gb Ex-eb IIC Gb Ex-tb IIIC T85°C/100°C/135°C Db IP66
TECHNICAL DATA	Ambient Temperature	ATEX -60°C / +65°C IECEX -60°C / +65°C
	Material	Stainless steel AISI 304 or AISI 316L Brass CW614N-MS Hastelloy Inconel
	IP Rating	IP66
	Sealing:	O-Ring made in Silicone (Optional)

CATALOG NO.	A	B	C	D	E
FTVS-61090-1	1/4" NPT	Ø8 max.	1/4" NPT	17	62
FTVS-61090-2	1/4" NPT	Ø8 max.	1/4" ISO	17	62
FT-61090-3	1/4" ISO	1/4" ISO	1/2" NPT	22	60
FT-61090-4	1/8" NPT	1/4" NPT	1/2" NPT	22	50
FT-61090-5	1/8" NPT	1/4" NPT	1/2" ISO	22	50
FT-61090-6	1/8" ISO	1/4" ISO	1/2" ISO	22	50
FT-61090-7	1/8" NPT	1/4" NPT	M22	22	50
FT-61090-8	1/4" NPT	1/4" NPT	1/2" NPT	22	60
FTVS-61090-11	1/4" NPT	Ø3,5	1/8" NPT	17	62
FT-61090-12	M16	M16	M20	22	62
FT-61090-13	1/4" NPT	3/8" NPT	M20	22	62
FT-61090-14	M16	M20	M25	27	62
FT-61090-15	1/2" NPT	1/2" NPT	3/4" NPT	27	62
FTVS-61090-16	1/4" NPT	Ø8 max.	1/4" NPT	22	56

ORDER EXAMPLE:
FT-61090-8 A (material AISI 316L)

Material Table	CODE	MATERIAL
	A	AISI Series 316L Steel
	C	AISI Series 304 Steel
	B	Brass
	H	Hastelloy
I	Inconel	

APPLICATION NOTE

1. Permissible maximum enclosure volume is 68 lt for IIC and 150 lt for IIB+H2.
2. Maximum flow pressure: 40 bar
3. Pressure drop: 0.09 bar at 17 lt/min