

End of line deflagration flame arrester (with pressure-vacuum valve) : 1048-0001-70

EC design test certificate no.

: IBExU 12 ATEX 2142 X

Standard gap (MESG)

:  $\geq 0,65$  mm

Explosion group

:  G IIB3

Operating direction

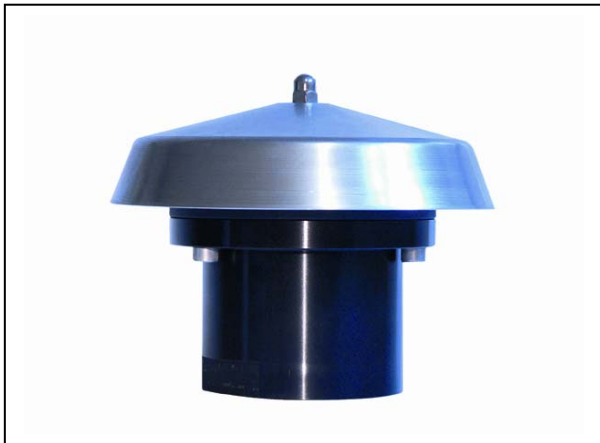
:

Thread connection

: G2" innen/internal ISO228-1

Weight

: ~ 3,2 kg



**Pressure loss**  
See page 2

**Material**

Housing

V4A ( AISI 316 range)

Flame Arrester Element

1.4571 / AISI 316 Ti

Valve pilot

Brass nickel coated

O-Ring

FPM (Viton)

**Operating Data**

Type : DEF

Absolute pressure :  $\leq 1,1$  bar

Temperature :  $\leq 60,0$  °C

Nominal pipe size :  $\leq$  DN50

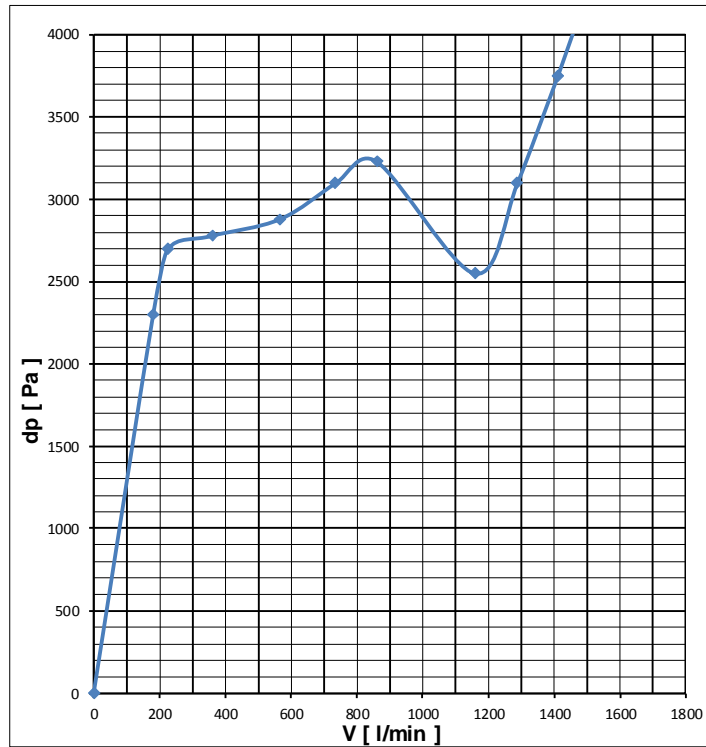
Pressure setting:

Over pressure : 30,0 mbar

Under pressure : 5,0 mbar

### Pressure loss over pressure valve

Medium: Air,  $p_0 = 1013 \text{ mbar}$ ,  $T_0 = 293 \text{ K}$ , Density =  $1,20 \text{ kg/m}^3$



### Pressure loss under pressure valve

Medium: Air  $p_0 = 1013 \text{ mbar}$ ,  $T_0 = 293 \text{ K}$ , Density =  $1,20 \text{ kg/m}^3$

