Security in action



3 FUNCTION FLASHBACK ARRESTOR

SAFE-GUARD-3

EDITION 1/2015

The GCE SAFE-GUARD-3 for regulator mounting contains multiple safety functions for protection of cylinder regulators, tapping points and distribution lines. The GCE SAFE-GUARD-3 complies fully to European standard EN730-1.

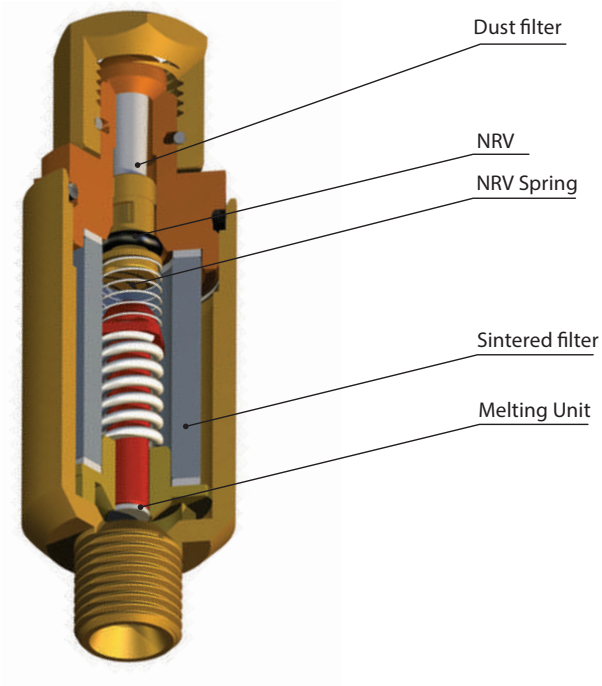
FUNCTIONS

- Flame arresting element FA
- Non return valve NV
- Temperature sensitive cut off valve TV
- Dust filter



GCE SAFE-GUARD-3

INTERNAL SAFETY DEVICES

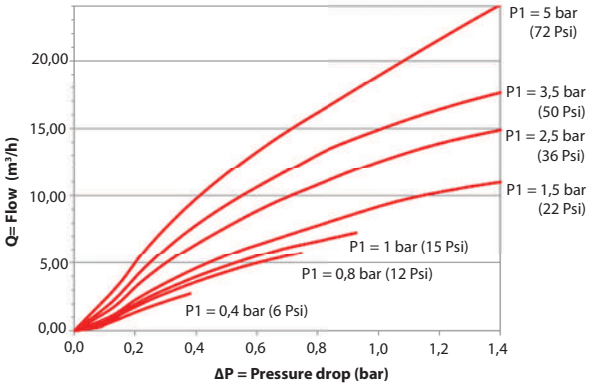


Art. Nr.	Gas	Working pressure	Inlet connection	Outlet connection
0764469	Oxygen	25 bar	G1/4" F	G1/4" M
0764470	Oxygen	15 bar	G3/8" F	G3/8" M
0764472	Oxygen	15 bar	M16×1,5 F	M16×1,5 M
0764474	Oxygen	25 bar	9/16" UNF F	9/16" UNF M
0764471	Fuel	A: 1,5 bar; PM: 5 bar; H: 3,5 bar	G3/8" LH F	G3/8" LH M
0764473	Fuel	A: 1,5 bar; PM: 5 bar; H: 3,5 bar	M16×1,5 LH F	M16×1,5 LH M
0764475	Fuel	A: 1,5 bar; PM: 5 bar; H: 3,5 bar	9/16" UNF LH F	9/16" UNF LH M

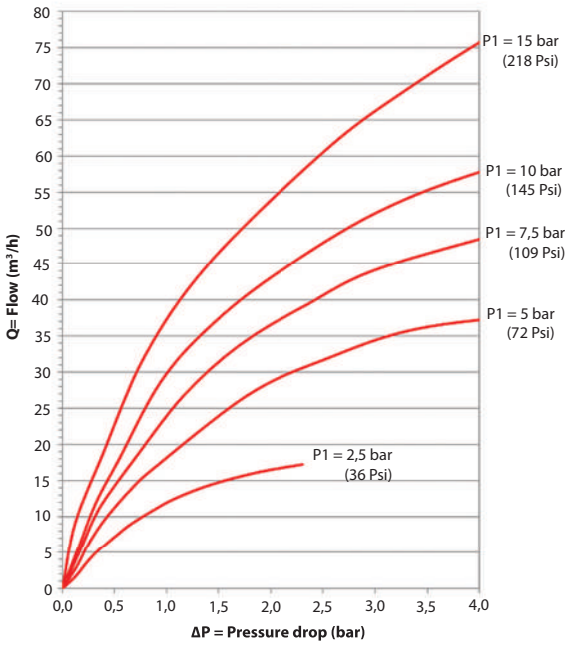
A: Acetylene; H: Hydrogen; PM: Methane Propane

FLOW CHART

GAS



OXYGEN



CONVERSION COEFFICIENT

	OXYGEN	HYDROGEN	ACETYLENE
Gas	O_2	H_2	C_2H_2
Coefficient	× 0,95	× 3,75	× 1,04
	PROPANE	**METHANE**	**ETHYLENE**
Gas	C_3H_8	CH_4	C_2H_4
Coefficient	× 0,8	× 1,33	× 1,02

Art. Nr. 735100000904. Edition 1/2015. Alterations are subject to change without notice. 25032015mk © 2015