



GCE[®]

Gas Control Equipment

3 FUNCTION FLASHBACK ARRESTOR

SAFE-GUARD-3

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 ISO 5175-1.

FUNCTIONS

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



GCE SAFE GUARD 3



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	M16x1,5 F	M16x1,5 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	M16x1,5 LH F	M16x1,5 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

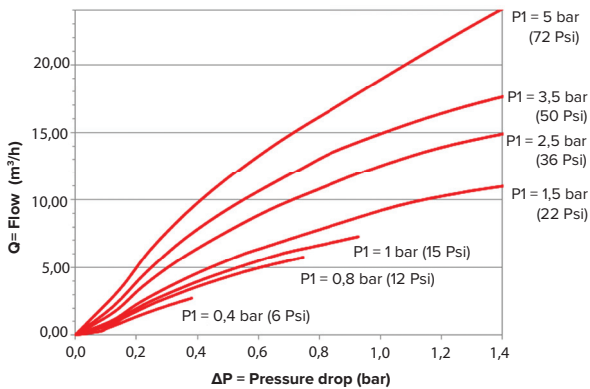
CONVERSION COEFFICIENT

	OXYGEN	HYDROGEN	ACETYLENE
Gas	O ₂	H ₂	C ₂ H ₂
Coefficient	x 0,95	x 3,75	x 1,04

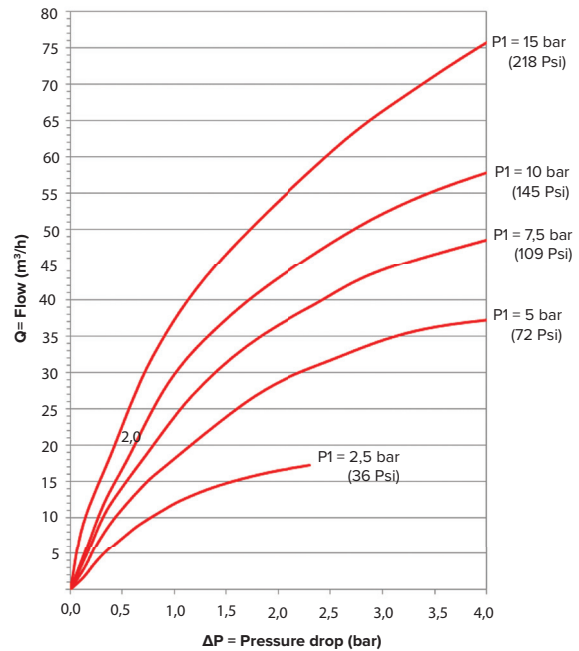
	PROPANE	METHANE	ETHYLENE
Gas	C ₃ H ₈	CH ₄	C ₂ H ₄
Coefficient	x 0,8	x 1,33	x 1,02

FLOW CHART

GAS



OXYGEN



INTERNAL SAFETY DEVICES

