



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
381.14008400	Oxygen	25 bar	G1/4" F	G1/4" M
381.14008401	Oxygen	15 bar	G3/8" F	G3/8" M
381.14008402	Fuel	A: 1,5 bar; PM: 5 bar; H: 3,5 bar	G3/8" LH F	G3/8" LH M

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

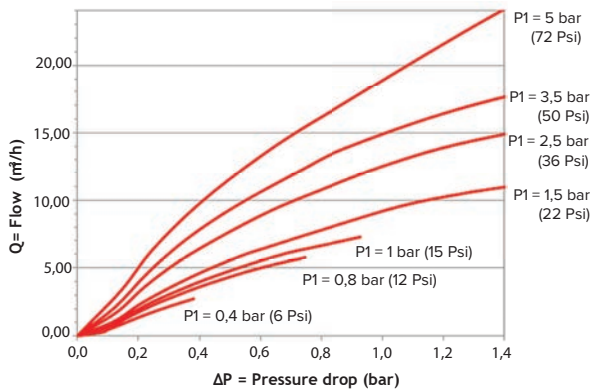
CONVERSION COEFFICIENT

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

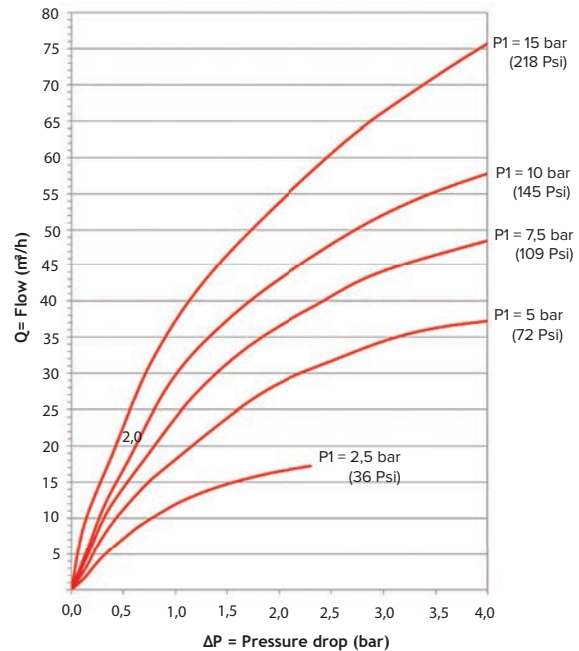
	PROPANE	METHANE	ETHYLENE
Gas	C ₃ H ₈	CH ₄	C ₂ H ₄
Coefficient	x 0,8	x 1,33	x 1,02

FLOW CHART

GAS



OXYGEN



INTERNAL SAFETY DEVICES

