



Gas Control Equipment



PREMIUM CYLINDER REGULATOR SERIES

GCE ProGen®

The GCE ProGen regulator is suitable for all technical gas applications within industrial environment such as gas welding, heating and soldering, as well as the gas cutting of materials up to a thickness of 300 mm.

The ergonomic design combined with a rigid construction results in a safe and wear-resistant regulator.

The operation of the regulators is first-rate and provides highly efficient and precise regulation of gas supplies. The design is compact with a low weight, yet the flow capacity is sufficient for the majority of gas processes in the cutting and welding field.

Raw materials have been selected with great care in order to ensure compatibility with the gas type and usage. All regulators are subject to individual tests before leaving the factory.



FEATURES

- **Safety protected** with integrated pressure relief valve for overpressure protection
- **Easy handling** for the operator by **ergonomic** arrangement
- Three scale pressure gauges acc. to ISO 5171
- Encapsulated regulating technology for precise and **stable control**
- **Safety** focused ISO 2503
- Available with NEVOC connection
- Up to **300 bar** cylinder pressure
- European design

TECHNICAL DATA

Gas	O ₂ , N ₂ , H ₂ , He	Ar, Ar/CO ₂ , F.G.*	CO ₂	Acetylene	Propane
Body	Brass forged				
Bonnet	Zn/Al alloy Die Cast				
Stems, nuts and fittings	Brass				
Diaphragm	EPDM			NBR	
Seat sealing	PA			CR	
Inlet/ Outlet connection	Gas specific connection				
Maximal inlet pressure	200 or 300 bar		200 bar	25 bar	
Outlet pressure/ flow range	0-10 bar	0-40l/min		1,5 bar	4 bar
Temperature range	From -20°C to 60°C				
Weight	Approx. according to gas variant: 1,9 kg				
Pressure relief valve	Used in all variants				

PRODUCT ADVANTAGES

Exact gas pressure measurement.

Easy reading of the gas parameters on a three-unit scale with a contrast pointer.



Encapsulated regulating valve technology Stable gas outlet pressure and optimal flow performance for the gas application.

Safe operation thanks to **pre-adjusted pressure relief valve.**

Inlet Connection

Side and Bottom Entry variants available, variants fit on all types of cylinder valves.

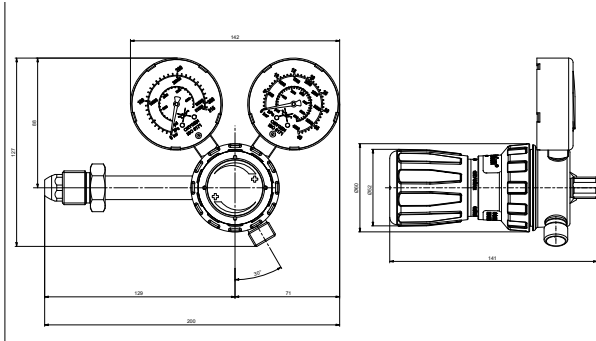
User friendly **Ergonomic Handwheel** for easy set-up, colour coded according to the gas.



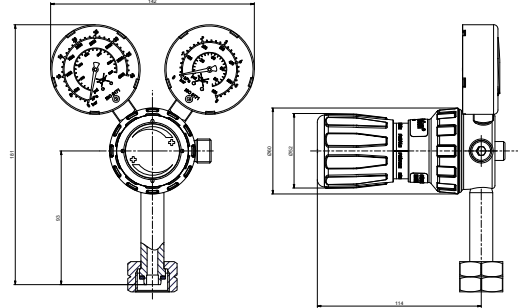
On-line Instructions for Use accessible via QR code

DIMENSIONS

PROGEN SE

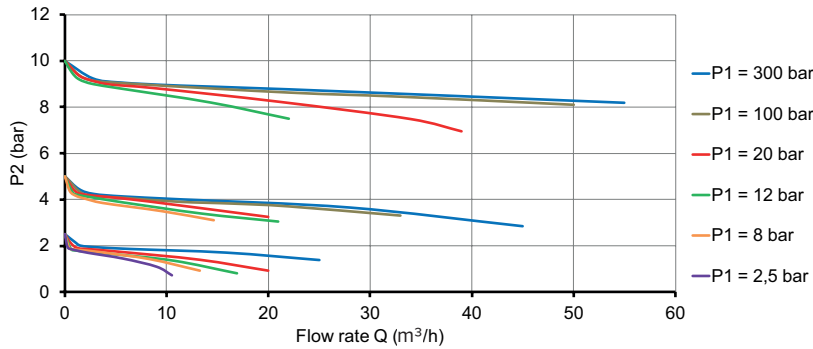


PROGEN BE

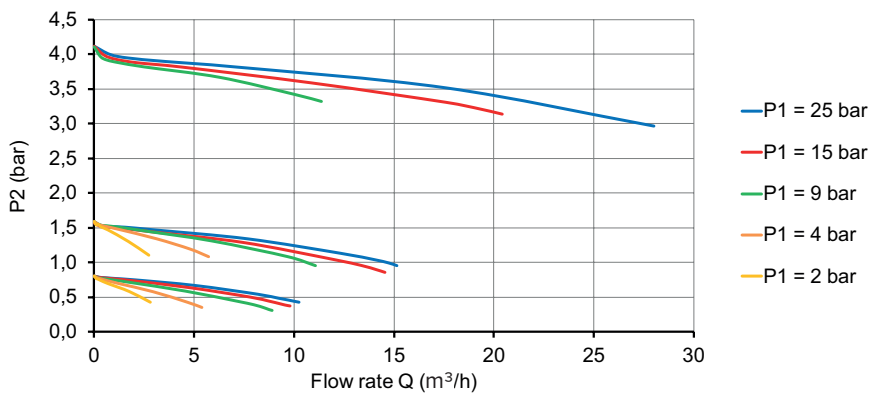


FLOW CHARACTERISTICS

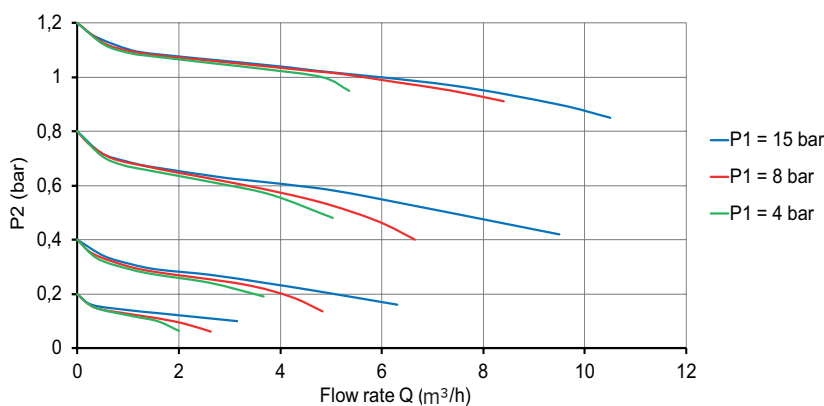
Oxygen 300/10 bar



Propane 25/4 bar



Acetylene 25/1,5 bar



Item Number	Gas	Entry Type	Exit Type	Inlet pressure	Outlet Pressure	Inlet Connection	Outlet Connection	Outlet Gauge
PG0783976	Oxygen	Side Entry	5 "O" Clock Position	300 bar	10 bar	G5/8" M	G3/8"	Pressure Gauge
PG0783977	Oxygen	Side Entry	5 "O" Clock Position	300 bar	20 bar	G5/8" M	G3/8"	Pressure Gauge
PG0783981	Inert	Side Entry	5 "O" Clock Position	300 bar	10 bar	G3/4" F	G3/8"	Pressure Gauge
PG0783982	Inert	Side Entry	5 "O" Clock Position	300 bar	20 bar	G3/4" F	G3/8"	Pressure Gauge
PG0783983	CO2	Side Entry	5 "O" Clock Position	200 bar	10 bar	W21,8 F	G3/8"	Pressure Gauge
PG0783980	Acetylene	Side Entry	5 "O" Clock Position	25 bar	1,5 bar	G5/8" LH M	G3/8" LH	Pressure Gauge
PG0783988	Hydrogen	Side Entry	5 "O" Clock Position	300 bar	10 bar	G5/8" LH M	G3/8" LH	Pressure Gauge
PG0783979	Propane	Bottom Entry	3 "O" Clock Position	25 bar	4 bar	W21,8 LH F	G3/8" LH	Pressure Gauge
PG0783984	Ar/CO2	Side Entry	5 "O" Clock Position	300 bar	40 LPM	G3/4" F	G3/8"	Flow Gauge
PG0783985	CO2	Side Entry	5 "O" Clock Position	200 bar	32 LPM	W21,8 F	G3/8"	Flow Gauge
PG0783986	Ar/CO2	Side Entry	Flow Meter	300 bar	30LPM	G5/8" M	G3/8"	Tube Flow Meter
PG0783987	CO2	Side Entry	Flow Meter	200 bar	30LPM	W21.8" F	G3/8"	Tube Flow Meter

