



EPP4 Programmable Pressure Regulator with *calys* Software

- aerospace
- climate control
- electromechanical
- filtration
- fluid & gas handling
- hydraulics
- pneumatics
- process control
- sealing & shielding



ENGINEERING YOUR SUCCESS.

Looking for one

SWISS QUALITY

FLEXIBLE

ADAPTABLE

ROBUST

EASY TO CARRY

RELIABLE



tool for all jobs?

EASY TO USE



SIMPLE

DURABLE

LIGHT

LOW POWER

COMPACT

ECONOMIC

One tool f

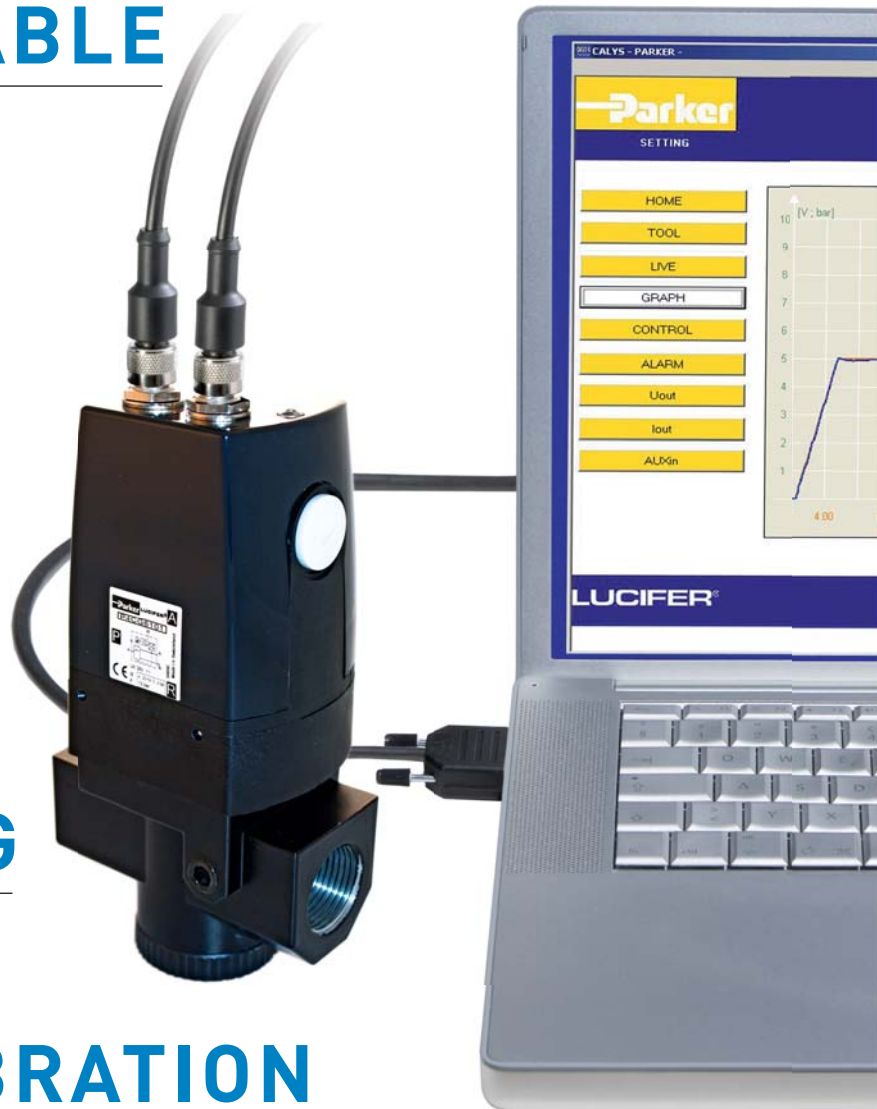
CONFIGURABLE

**EASY SETTINGS
DUPLICATION**

**INSTALLATION
DIAGNOSIS**

EASY LEARNING

CALIBRATION



Remote Display

This option includes the Remote Display and 1.5 meter connecting cable.

Compact and highly readable remote LED display:

- Bar and PSI scales
- Security lock
- 1.5 m cable
- Mounting bracket

**Order the Remote Display
under reference 496490**



or all jobs



PRESSURE UP TO 20 BAR

REMOTE CONTROL

LIVE RECORDING

LESS INVENTORY

PORT SIZE FROM 1/4" TO 2"

calys Software

Calys is a unique software in house developed to configurate all the parameters of the EPP4 Comfort range. Calys is an option of the EPP4. A cable reference 496449 is needed for the communication between the EPP4 and a PC.

Calys offers many capabilities:

- It enables distributors to reduce inventory by keeping a generic EPP4 in stock and adjust it to the needs of each customer application. They can switch for example from 0-10 V to 4-20 mA, or from 0-7 bar pressure range to 0-5 bar.
- Engineers designing a pneumatic system are able to monitor precisely all the important values (electrical or pneumatical) directly on their laptop.
- After sales technicians are able to receive via email all the parameters measured by the EPP4 installed on a machine wherever its location allowing remote maintenance operation.
- PID regulation parameters can be adjusted with Calys to match required regulator response (like slow or reactive).

To down load free Calys software click on
www.parker.com/fcde/support

EPP4 Programmable Pressure Regulator with *calys* Software

EPP4 Comfort is an electro pneumatic pressure regulator with integrated electronic system.

A pulsed width modulated solenoid valve controls the output pressure proportionally to an analog input signal.

Very high accuracy is guaranteed thanks to a high precision closed loop signal provided by a built in pressure sensor.

EPP4 can be equipped with a remote display showing the regulated pressure.

EPP4 can be connected to a PC via Calys software for monitoring, calibration, and settings in order to fully adapt to every application.

EPP4 range goes from 1/4" up to 2" pipe size.



Market

- Robotics
- Paper industry
- Machine tools
- Mobile
- Buildings
- Textile
- Instrumentation
- Semi conductor
- Others



Applications

- Welding
- Speed and brake control
- Sanding
- Cutting
- Humidification
- Tension regulation
- Painting
- Presses
- Polishing
- Adaptative suspension control
- Others



How to order EPP4 Comfort Series?

Product reference	Pipe	Max inlet pressure (bar)	Pressure range (bar)		Control signal (see options)	Flow Max (m ³ /h)	Power (W)
P4CG2001C001	G 1/4	12	0	10	0-10 V	70	2.8
P4CG2001C002	G 1/4	12	0	10	4-20 mA	70	2.8
P4CG2001C006	G 1/4	12	0	7	4-20 mA	70	2.8
P4CG2002C001*	G 1/4	12	0	10	0-10 V	70	2.8
P4CG2002C002*	G 1/4	12	0	10	4-20 mA	70	2.8
P4CG2003C001**	G 1/4	12	0	10	0-10 V	70	2.8
P4CG2003C002**	G 1/4	12	0	10	4-20 mA	70	2.8
P4CG4001C001	G 1/2	12	0	10	0-10 V	150	2.8
P4CG4001C002	G 1/2	12	0	10	4-20 mA	150	2.8
P4CG4001C005	G 1/2	12	0	7	0-10 V	150	2.8
P4CG4001C006	G 1/2	12	0	7	4-20 mA	150	2.8
P4CG4002C001*	G 1/2	12	0	10	0-10 V	150	2.8
P4CG4002C002*	G 1/2	12	0	10	4-20 mA	150	2.8
P4CG4002C005*	G 1/2	12	0	7	0-10 V	150	2.8
P4CG4002C006**	G 1/2	12	0	7	4-20 mA	150	2.8
P4CG4051C001***	G 1/2	12	0	10	0-10V	150	2.8
P4CG4051C002***	G 1/2	15	0	10	4-20 mA	150	2.8
P4CG4101D001	G 1/2	15	0	12	0-10V	150	2.8
P4CG4101S002	G 1/2	15	0	14	0-10V	150	6
P4CG4201D003	G 1/2	21	0	20	0-10V	150	6
P4CG4201D004	G 1/2	21	0	20	4-20mA	150	6
P4CG4201D005	G 1/2	21	0	16	0-10V	150	6
P4CG4203D003	G 1/2	21	0	20	0-10V	150	6
P4CG6101C001	G1	12	0	10	0-10V	1000	6
P4CG6101C002	G1	12	0	10	4-20mA	1000	6
P4CG6101C009	G1	12	0	3.5	4-20mA	1000	6
P4CG6101C010	G1	12	0	6	4-20mA	1000	6
P4CG6101C011	G1	12	0	5	0-10V	1000	6
P4CG6201D001	G1	21	0	12	0-10V	1000	6
P4CG6201D003	G1	21	0	20	0-10V	1000	6
P4CG6201S002	G1	21	0	14	0-10V	1000	6
P4CG6201S005	G1	21	0	12	0-10V	1000	6
P4CG9101C001	G2	12	0	10	0-10V	2700	6
P4CG9101C002	G2	12	0	10	4-20mA	2700	6
P4CG9101C010	G2	12	0	6	4-20mA	2700	6
P4CG9101C012	G2	12	0	4	4-20mA	2700	6
P4CN2001C001	1/4 NPT	12	0	10	0-10 V	70	2.8
P4CN2001C002	1/4 NPT	12	0	10	4-20 mA	70	2.8
P4CN2002C001*	1/4 NPT	12	0	10	0-10 V	70	2.8
P4CN2002C002*	1/4 NPT	12	0	10	4-20 mA	70	2.8
P4CN4001C001	1/2 NPT	12	0	10	0-10 V	150	2.8
P4CN4001C002	1/2 NPT	12	0	10	4-20 mA	150	2.8
P4CN4002C001*	1/2 NPT	12	0	10	0-10 V	150	2.8
P4CN4002C002*	1/2 NPT	12	0	10	4-20 mA	150	2.8

Other configurations like external pressure supply, integrated exhaust of the pilot valve, etc... are available. Please contact us.

* Product reference includes remote display ref: 496490

** With integrated pilot exhaust

*** For oxygen service



For more information on the rest of EPP4 product range please consult following documentation:

- 8683UK -> EPP4 Basic 1/4"
- 8684UK -> EPP4 Basic 1/2"
- 2201UK -> EPP4 Comfort 1/4" & 1/2"
- 2202UK -> EPP4 Comfort 1/2"HP, 1" & 2"

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US Product Information Centre

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