



EPP4 Programmable Pressure Regulator with *calys* Software

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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

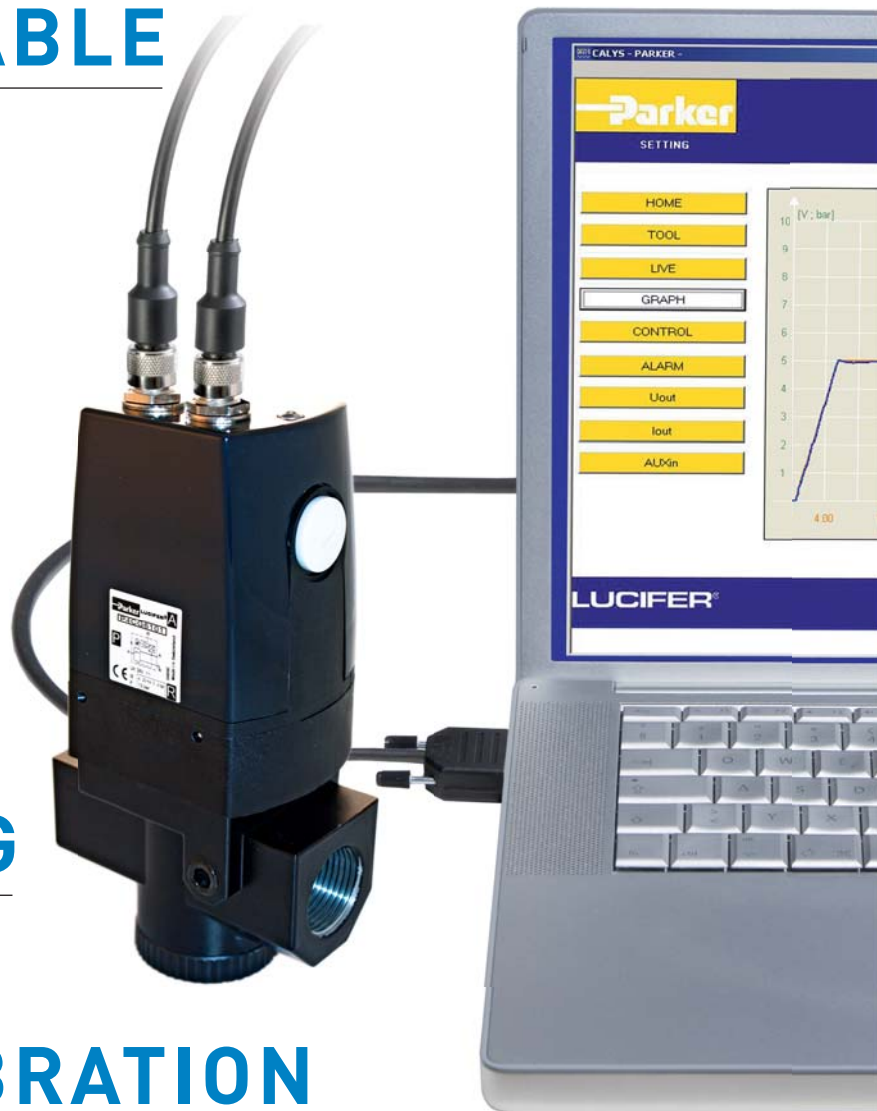
CONFIGURABLE

**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
- 1.5 m cable
- Security lock
- 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 configure 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 download 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 (m³/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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