



EPP4 Comfort Range Configurable Pressure Regulator with *calys* Software



ENGINEERING YOUR SUCCESS.

Looking for one

SWISS DESIGN

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



calys Software

Calys is a unique in-house developed software that easily configures all parameters of the EPP4 Comfort range. A cable reference 496449 is needed for the communication between the EPP4 and a PC.

The Calys software offers many capabilities:

- Provides flexibility for your application by adjusting PID regulation parameters
- Monitoring (pressure, setpoint, alarm...)
- Allows remote maintenance operation by exporting all parameters
- Configurable setpoint signal (0-10V - 4-20mA) and adjustable pressure range

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

or all jobs

PRESSURE UP TO 20 BAR

REMOTE CONTROL

LIVE RECORDING

LESS INVENTORY

PORT SIZE FROM 1/4" TO 2"



EPP4 Comfort Configurable 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 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)	Regulated Pressure range (bar)	Control signal (see options)	Flow Max (m ³ /h)	ATEX zone 	Protection Mode	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
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
P4CG4461C001	G 1/2	12	0 10	0-10 V	150	2-22	Ex II 3 G/D	6
P4CG4461C002	G 1/2	12	0 10	4-20 mA	150	2-22	Ex II 3 G/D	6
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
P4CG4465C001**	G 1/2	12	0 10	0-10 V	150	2-22	Ex II 3 G/D	6
P4CG4465C002**	G 1/2	12	0 10	4-20 mA	150	2-22	Ex II 3 G/D	6
P4CG4201D004	G 1/2	21	0 20	4-20mA	150			6
P4CG4201D005	G 1/2	21	0 16	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
P4CG6161C001	G1	12	0 10	0-10V	1000	2-22	Ex II 3 G/D	6
P4CG6161C002	G1	12	0 10	4-20mA	1000	2-22	Ex II 3 G/D	6
P4CG9101C001	G2	12	0 10	0-10V	2700			6
P4CG9101C002	G2	12	0 10	4-20mA	2700			6
P4CG9161C001	G2	12	0 10	0-10V	2700	2-22	Ex II 3 G/D	6
P4CG9161C002	G2	12	0 10	4-20mA	2700	2-22	Ex II 3 G/D	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
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

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

* With integrated pilot exhaust

** For oxygen service



For more information of EPP4 product range, please consult following documentation: [FCDE 2212UK](#)

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US Product Information Centre

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www.parker.com

Your local authorized Parker distributor

