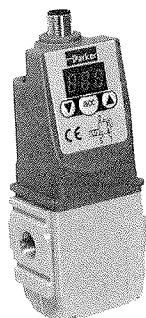
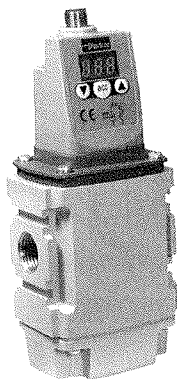


P31P / P32P Electronic Proportional Regulator



P31P Series
Bottom exhaust



P32P Series
Bottom exhaust

Features

- Very fast response times
- Accurate output pressure
- Micro parameter settings
- Selectable I/O parameters
- Quick, full flow exhaust
- LED display indicates output pressure
- No air consumption in steady state
- Multiple mounting options
- Protection to IP65
- P31P flows to 19 dm³/s (40 scfm)
- P32P flows to 57 dm³/s (120 scfm)

Ordering Information

P 3 [] P A [] 1 [] A

Body size	
Global Mini (1/4")	1
Global Compact (1/2")	2

Thread type	
BSPP	1
BSPT	2
NPT	9

Port size	
Global Mini (1/4")	2
Global Compact (1/2")	4

Version	
Bottom ported exhaust (NC)	A
Bottom ported forced exhaust (NO)*	E

* When the supply voltage is lost the unit will automatically exhaust the regulated pressure to 0 bar (atmospheric pressure)

Pressure Range	
0 - 2 bar (0-29 psig)	Z
0 - 10 bar (0-145 psig)	D

Power supply	
24 volts	2

Control Signal	
0-10 V [†]	V

[†] Factory setting is 0-10 V control signal. 4-20 mA control signal available via parameter 4 on keypad.

Output Signal	
Digital, PNP	D
PNP or 0-10V	P
NPN or 0-10V	N
4-20mA fixed	M

D) Digital PNP output only, no analog output selectable

P) Digital PNP and analogue 0-10V outputs selectable, by means of parameter 6. (Factory default 0-10V)

N) Digital NPN and analog 0-10 V outputs selectable by means of parameter 6. (Factory default 0-10V)

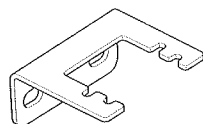
M) Analog 4-20mA output only.

Note: On all analog outputs the F.S. value can be adjusted by means of parameter 8

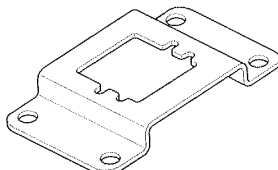
Input connector	
M12 (4 pin)	1

P31P Mounting Brackets

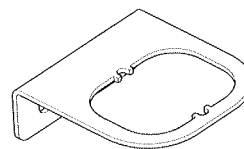
Order Code	Description
P3HKA00ML	L-Bracket mounting kit
P3HKA00MC	Foot bracket mounting kit



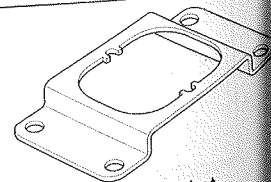
L-Bracket



Foot Bracket



L-Bracket



Foot Bracket

P32P Mounting Brackets

Order Code	Description
P3KKA00ML	L-Bracket mounting kit
P3KKA00MC	Foot bracket mounting kit

Cables

Order Code	Description
CB-M12-4P-2M	2 mtr. cable with moulded straight M12x1 connector

Note:

These brackets fit both Proportion Regulators and Combined Soft Start & Dump Valves.

Parker Hannifin Corporation
Pneumatic Division
Richland, Michigan
www.parker.com/pneumatics