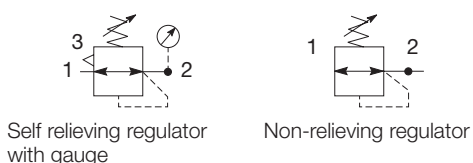
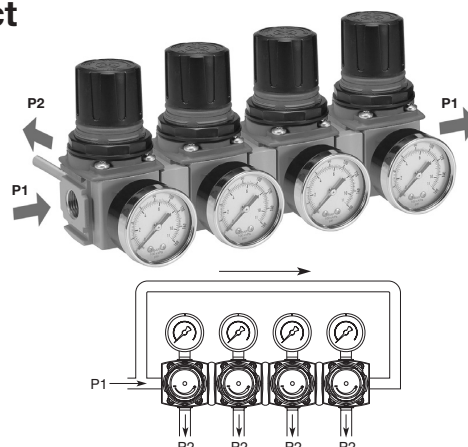


P32 Common - P1 Regulator – Compact

- Manifold style regulator with line pressure on both sides.
- Pressure output is at front or rear.
- Inlet ports 1/4", 3/8" or 1/2" (NPT, BSPP & BSPT)
- Working port 1/4"
- Robust construction
- Secondary pressure ranges
- Secondary aspiration plus balanced poppet provides quick response and accurate pressure regulation
- Relieving & non-relieving types
- Regulator will reverse flow as standard
- Non-rising knob



Port Size	Description (relieving)	Gauge	Part Number
1/4"	125 psig (8 bar)	None	P32HB12BNNP
3/8"	125 psig (8 bar)	None	P32HB13BNNP
1/2"	125 psig (8 bar)	None	P32HB14BNNP

Operating Information

Flow capacity*:	1/4, 3/8, 1/2	64 scfm (30 dm³/s, ANR)
Operating temperature:		-25°C to 65.5°C (-13°F to 150°F)
Supply pressure (max):		300 psig (20 bar)
Adjusting range pressure:		0 to 30 psig (0 to 2 bar) 0 to 60 psig (0 to 4 bar) 0 to 125 psig (0 to 8 bar) 0 to 232 psig (0 to 16 bar)
Gauge port (2 each):		1/4 NPT, BSPP, BSPT
Weight:		0.50 lb (0.23 kg)
* Inlet pressure 145 psig (10 bar). Secondary pressure 91.3 psig (6.3 bar) and 14.5 psig (1 bar) pressure drop.		

Ordering Information:

P32HB

1

3

B

N

G

P

Basic Series

Global Modular Compact Regulator P32HB

Thread Type

BSPP 1
BSPT 2
NPT 9

Port Size †

1/4 2
3/8 3
1/2 4

† Working port 1/4".

Relief

Relieving B
Non-Relieving N

Mounting

P Plastic Panel Mount Nut

Adjustment Range

With Square Gauge		With Round Gauge	
psig	bar	Z	30 psig; 2 bar; 0.2 MPa
1 = 30*	V = 2*	M	60 psig; 4 bar; 0.4 MPa
3 = 60	S = 4	G	125 psig; 8 bar; 0.8 MPa
5 = 125	T = 8	J	250 psig; 17 bar; 1.7 MPa

* Regulator comes with gauge respective to the adjustment range selected.

Adjustment

N Non-Rising Knob
T T-Handle

Without Gauge

Y	30 psig; 2 bar; 0.2 MPa
L	60 psig; 4 bar; 0.4 MPa
N	125 psig; 8 bar; 0.8 MPa
H	250 psig; 17 bar; 1.7 MPa

Options in grey boxes are not available or not stocked in EMEA region

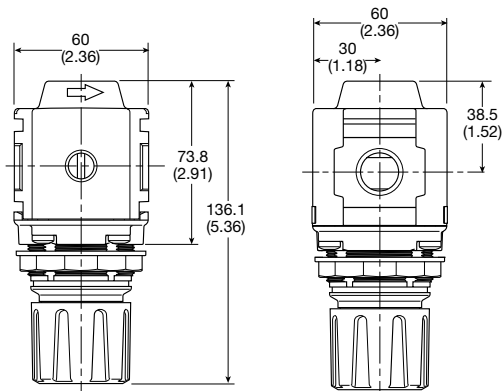
PDE2676TCUK Global FRL and P3Y Series

Material Specifications

Body	Aluminum
Adjustment knob	Acetal
Bonnet	Glass-filled nylon
Diaphragm assembly	Nitrile / zinc
Valve assembly	Brass / nitrile
Springs	Steel, stainless steel
Seals	Nitrile
Panel nut	Acetal

Repair and Service Kits

Diaphragm repair kit - relieving	P32KB00RB
Diaphragm repair kit - non-relieving	P32KB00RC
Panel mount nut - aluminum	P32KA00MM
Panel mount nut - plastic	P32KA00MP
Angle bracket (attaches via panel nut)	P32KB00MR
T-bracket with body connector	P32KA00MT
T-bracket	P32KA00MB
Body connector	P32KA00CB



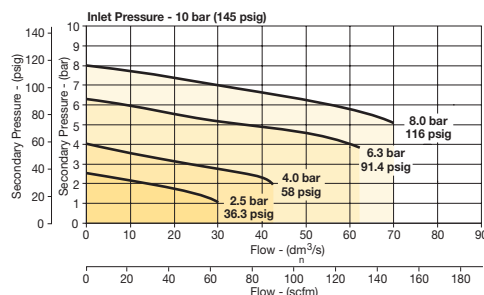
mm (Inches)

NOTE: 1.90 in. (48mm) hole required for panel nut mounting.

P31, P32, P33 Series Compact Common P1 Precision Regulator

Flow Charts

P32HB Common Port Regulator



WARNING

**Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed Maximum primary pressure rating.**

CAUTION:

REGULATOR PRESSURE ADJUSTMENT – The working range of knob adjustment is designed to permit outlet pressures within their full range. Pressure adjustment beyond this range is also possible because the knob is not a limiting device. This is a common characteristic of most industrial regulators, and limiting devices may be obtained only by special design. For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.

Gauges

Square flush mount gauge	0-4 bar	K4511SCR04B
	0-11 bar	K4511SCR11B
	0-60 psig	K4511SCR060
	0-160 psig	K4511SCR160
Square with adapter kit	0-4 bar	P6G-PR10040
	0-11 bar	P6G-PR10110
	0-60 psig	P6G-PR90060
	0-160 psig	P6G-PR90160
50mm (2") round 1/4" center back mount	0-60 psig / 0-4 bar	P6G-ERB2040
	0-160 psig / 0-11 bar	P6G-ERB2110
	0-300 psig / 0-20 bar	P6G-ERB2200

For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.

☐ Most popular.

