

SENTRY Modular Externally Piloted Regulators

PR11M Models Port Sizes: 1/8, 1/4 Tube Fittings



Model Shown: PR11M-1G

- ◆ Inline mounting.
- ◆ Diaphragm type design
- ◆ Threaded ports or quick-connect fittings for tubing up to 10 mm in diameter.
- ◆ Self-relieving; non-relieving optional.
- ◆ Pressure gauge.
- ◆ **NPTF** port threads; optional **BSPP** threads.

Note: Pilot (control) regulators (order separately).

- ◆ General purpose applications order R56M-2, R60-2, R67-2, R100-2, or R380-3
- ◆ Precision applications order IR100-2, R57M-2, IR380-3 or ER valve

SPECIFICATIONS

Ambient/Media Temperature:

40° to 125°F (4° to 52°C).

Body: Acetal.

Dome: Aluminum.

Fluid Media: Compressed air.

Inlet Pressure: 150 psig (10 bar) maximum.

Outlet Pressure: Adjustable up to 125 psig (8.6 bar).

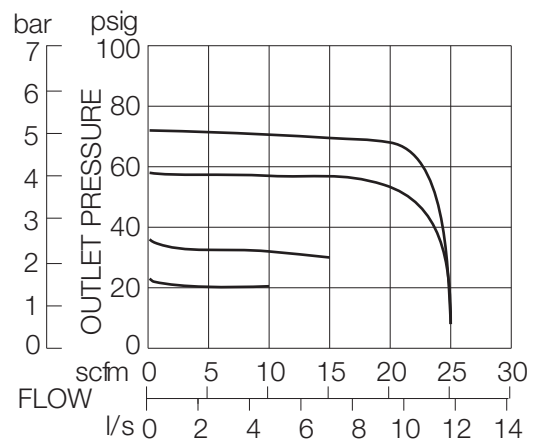
Pressure Gauge: 0 to 160 psig (11 bar); 1/8 NPT gauge ports front and rear.

Panel Mounting: 1-3/16 inch (30 mm) hole required.

Seals: Nitrile.

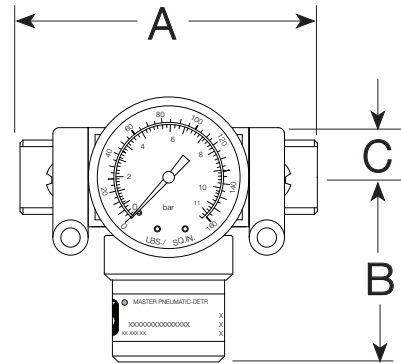
FLOW CHART

Inlet Pressure: 91 psig (6.3 bar)



DIMENSIONS inches (mm)

Ports	A	B	C	Depth †	Weight † lb (kg)
No Port	1.7 (43)	1.3 (49)	0.5 (13)	1.8 (45)	0.23 (0.11)
1/8	1.7 (43)	1.3 (49)	0.5 (13)	1.8 (45)	0.45 (0.20)
1/4	3.0 (76)	1.3 (49)	0.5 (13)	1.8 (45)	0.41 (0.19)
Models below have quick-connect fittings for tubing.					
1/4	3.4 (86)	1.3 (49)	0.5 (13)	1.8 (45)	0.33 (0.15)
3/8	3.9 (99)	1.3 (49)	0.5 (13)	1.8 (45)	0.47 (0.22)
4 mm	3.4 (86)	1.3 (49)	0.5 (13)	1.8 (45)	0.33 (0.15)
6 mm	3.4 (86)	1.3 (49)	0.5 (13)	1.8 (45)	0.33 (0.15)
8 mm	3.4 (86)	1.3 (49)	0.5 (13)	1.8 (45)	0.33 (0.15)
10 mm	3.9 (99)	1.3 (49)	0.5 (13)	1.8 (45)	0.45 (0.21)



† Less gauge.

ORDERING INFORMATION

Change the letters in the sample model number below to specify the regulator you want.

PR11M P - 2 X Y G W

REGULATOR TYPE

Diaphragm typeR11M

MOUNTING HOLE LOCATION

Bottom mount (Standard) Leave Blank
Top mount P

INLET PORT SIZE

No Inlet and Outlet ports.... Leave blank

Threaded:

1/8 NPTF -1
1/4 NPTF -2

Fittings for Tubing:

1/4 -04
3/8 -06
4 mm -M4
6 mm -M6
8 mm -M8
10 mm -M10

OUTLET PORT SIZE

Same as inlet port Leave Blank

Threaded:

1/8 NPTF 1
1/4 NPTF 2

Fittings for Tubing:

1/4 04
3/8 06
4 mm M4
6 mm M6
8 mm M8
10 mm M10

PORT TYPE

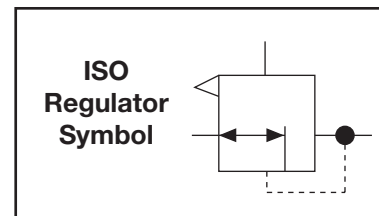
As specified in **INLET PORT**... Leave Blank
BSP threads on both ports W

OPTIONS (More than one option can be chosen. Add in alphabetical order)

Delete gauge Leave Blank
0-160 PSI Gauge G

OPTIONS (More than one option can be chosen. Add in alphabetical order)

None Leave Blank
Non-relieving A



MOUNTING BRACKETS

See page 346.