

M-MAR Series Miniature Pressure Regulators

When Clippard introduced a miniature regulator in 1962, the M-MAR-1 became very popular as a simple, robust, and cost-effective regulator in a small package with exceptionally long life. As regulator applications continue to increase, Clippard is meeting the demand with a variety of new models, options and improvements. Regulators are offered in either relieving or non-relieving versions. The relieving design maintains a constant pressure output even when downstream conditions change. The non-relieving regulator does not automatically compensate for changes in downstream flow or pressure. There is no vent to atmosphere, as in a relieving type regulator, and the output pressure can increase due to a downstream event.

Medium:
Air

Input Pressure:
21 bar

Air Flow:
85 L/min @ 3.5 bar; 140 L/min @ 7 bar

Materials:
Brass body, Nitrile seals, stainless steel stem and spring

Mounting:
M 12 x 0.75 thread. Nut and lockwashers furnished.

Cartridge and manifold mount styles also available. Consult factory.

Adjustment:
By means of a knob with micro-adjustment (40 pitch thread). Screwdriver slot and plastic adjustment versions also available.

1C and 1CP Models: As plunger is depressed, pressure increases proportionally to the travel; when plunger is released the input is closed and the output pressure is exhausted to atmosphere. 5.5 mm plunger travel.



- Robust, Compact & Reliable
- Multiple Medias
- Manifold & Cartridge Style Mounting
- Preset to Pressure
- Pre-Assembled & Tested

New Mounting Configurations



- NEW** Cartridge Mount Option
- NEW** M5 Manifold Mount Style
- NEW** R1/8 Mounted Option with Swivel Output

Adjustment Options



- Standard Knurled Knob
- NEW** Screwdriver Slot
- Large Plastic Knob