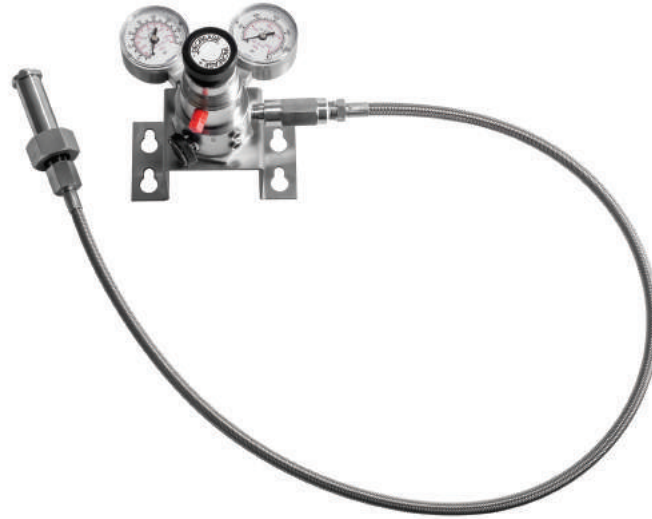# PREMIER M2500 SERIES
Manifold with single stage regulator

M2500
SERIES

PREMIER INDUSTRIES

1590 99th Ln NE,
Minneapolis, MN 55449
763-786-4020

MADE IN THE USA
Minneapolis, MN

DESCRIPTION

Premier M2500 manifolds provide easy point of use installation to one or two cylinders. Premier M2500 Series manifolds are available in both stainless steel and brass, to accommodate use with a broad range of non-corrosive and corrosive media.

Standard M2500 Series manifolds include: one 2500 Series single stage regulator, one stainless steel mounting bracket, check valve(s), and optional excess flow prevention valves, hoses, integrated shut off valves and cga connections. The M2500 Series manifold provides everything you need in one compact assembly.

FEATURES

- Premier 2500 Series, single stage regulator
- Stainless Steel mounting Bracket with 4 holes for 1/4" screws
- Check valve(s) *(standard)*
- Optional pigtails/hoses
  (for service to one or two cylinders)
- Optional integrated Shut Off Valve
- Optional CGA inlet connections
- Optional excess flow prevention valves
- Optional critical alert gauges

Premier manifolds are remarkably flexible.
Contact Premier Industries for a custom manifold to meet your exact needs.

D/C: 151809

M2500 SERIES

PREMIER M2500 SERIES
Manifold with single stage regulator

REGULATORS, VALVES, AND TORCHES
PREMIER INDUSTRIES
MINNEAPOLIS • MINNESOTA • USA

STANDARD COMPONENTS

- 1 Premier 2500 Series, two stage regulator
- 1 Stainless Steel mounting Bracket
  with 4 holes for 1/4" screws
- Check valve(s) in brass or stainless steel

SPECIFICATIONS

- **MAXIMUM INLET PRESSURE:** 3000 PSIG *(206.84 bar)*
  (dependent upon configuration)
- **STANDARD PRESET CONTROL PRESSURE:**
  - 0-100 PSIG
  (0-6.89 bar)
- **MAX PROCESS FLOW RATE:** 3.5 SLPM
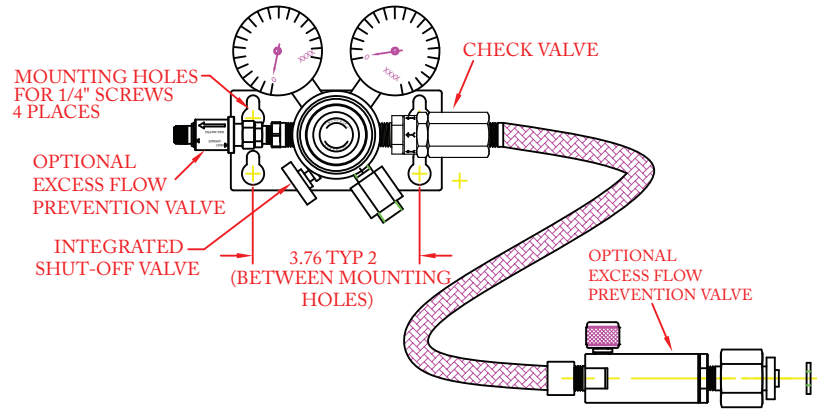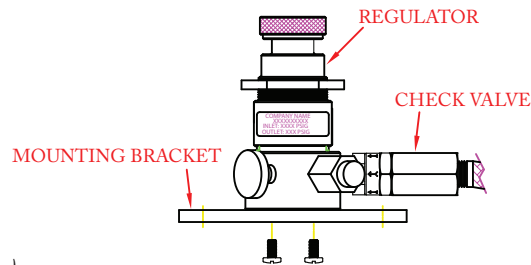
MATERIALS OF CONSTRUCTION

- **BODY OPTIONS:**
  - body diameters of 1.5", 1.75", and 2.0"
  - SAE 360 Brass, Bright Dip
  - SAE 360 Brass, Nickel Plated
  - 316 Stainless Steel
- **SEALS:**
  - PTFE
  - Viton A®
- **MOUNTING BRACKET:**
  - 304 Stainles Steel
- **PIGTAIL/HOSE OPTIONS:**
  - Single cylinder
  - Dual cylinder
- **CHECK VALVE:**
  - SAE 360 Brass, Viton® Seal *(Standard)*
  - Stainless Steel

PORTING

- **INLET PORTING:**
  - 1/4-18 FNPT
- **CYLINDER CONNECTIONS AVAILABLE:**
  - CGA 350,590, 660, 705, 330, 580
- **OUTLET PORTING:**
  - 1/4-18 FNPT

OPTIONS

- Excess flow prevention valves
- CGA connections
- Hose pigtails (for service to one or two cylinders)
- Integrated shut-off valve
- Gauges / critical alert gauges

REGULATOR
CHECK VALVE
MOUNTING BRACKET

MOUNTING HOLES FOR 1/4" SCREWS 4 PLACES
CHECK VALVE
OPTIONAL EXCESS FLOW PREVENTION VALVE
INTEGRATED SHUT-OFF VALVE
3.76 TYP 2 (BETWEEN MOUNTING HOLES)
OPTIONAL EXCESS FLOW PREVENTION VALVE

(Part number: 50-12099 shown above)