

# LOW PRESSURE GAUGE

±1.5% Accuracy

## 2 1/2" Diaphragm Gauge - U-Clamp Case

The Miljoco low pressure diaphragm gauge offers the pinnacle in both performance and accuracy for pressure and vacuum applications up to and including 10 psi. Such uses include air flow & filtration, leak detection, medical pumps, etc. The LP2567 is constructed from a single beryllium-copper diaphragm affixed to a precision-machined brass plate. This advanced design, coupled with a high-precision, milled-teeth brass movement and nickel-silver pinion and bearing surface, provides the user with a low pressure instrument that is without equal.

Single Beryllium-Copper Diaphragm



### General Specifications

**CASE:** Brightly-finished 300 series stainless steel.

**LENS:** Polycarbonate, threaded.

**DIAL:** Aluminum, white finished with black markings.

**POINTER:** Black non-adjustable.

**MOVEMENT:** Brass with precision-milled teeth.

**DIAPHRAGM:** Beryllium copper.

**SOCKET:** Brass.

**CONNECTION:** 1/4" NPT back outlet.

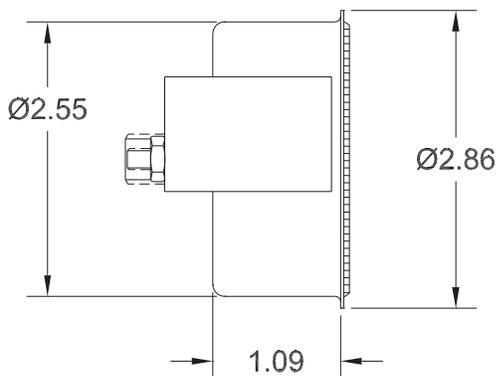
**RESTRICTOR:** 0.013" restrictor on ranges over 10" H<sub>2</sub>O.

**ACCURACY:** ±1.5% Full Scale (exceeds ASME B40.100 Grade B). Ranges below 30" H<sub>2</sub>O are 3-1-3%.

**PROCESS TEMPERATURE:** -40 to 160°F (-40 to 70°C).

**AMBIENT TEMPERATURE:** -40 to 140°F (-40 to 60°C).

### Dimensions (in.)



\*Maximum panel thickness 0.45"

### Standard Ranges

| Range  | Fig. | Div.  | In H <sub>2</sub> O | Oz/In <sub>2</sub> |
|--|------|-------|---------------------|--------------------|
| 15-0 Vac.                                      | 3    | 0.5   | 0210                | 0217               |
| 30-0 Vac.                                      | 5    | 1     | 0220                | xxx                |
| 60-0 Vac.                                      | 10   | 2     | 0240                | 0247               |
| 100-0 Vac.                                     | 20   | 2     | 0250                | 0257               |
| 160-0 Vac.                                     | 40   | 5     | 0260                | 0267               |
| 0-10   | 1    | 0.2   | 200                 | 207                |
| 0-15   | 3    | 0.5   | 210                 | 217                |
| 0-30   | 5    | 1     | 220                 | xxx                |
| 0-35   | 5    | 1     | xxx                 | 237                |
| 0-35" H <sub>2</sub> O/0-20 oz/in <sub>2</sub> | 5/1  | 4/0.5 | 232                 |                    |
| 0-60   | 10   | 2     | 240                 | 247                |
| 0-100  | 20   | 2     | 250                 | 257                |
| 0-160  | 40   | 5     | 260                 | 267                |
| 0-200  | 40   | 5     | 270                 | xxx                |
| 0-3 psi  | 0.5  | 0.1   | 290                 |                    |
| 0-5 psi  | 1    | 0.1   | 300                 |                    |
| 0-10 psi                                       | 2    | 0.2   | 310                 |                    |
| 30-0-30  | 10   | 1     | 420                 |                    |

Many other custom ranges available - consult factory.

### To Order

**LP2567**

Model Number

**210**

Range Code

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