Using solid state technology, the Series 3000MR and 3000MRS Photohelic® switch/gages combine the functions of a precise, highly repeatable differential pressure switch with a large easy-to-read analog pressure gage employing the durable, time-proven Magnetic gelage design. Switch setting is easy to adjust with large external knobs on the gage face. Gage reading is unaffected by switch operation — will indicate accurately even if power is interrupted. Solid state design now results in greatly reduced size and weight. Units can be flush mounted in 4-1/2˝ (112 mm) hole or surface mounted with hardware supplied. 3000MR models employ versatile electromechanical relays with gold over silver clad silver - suitable for dry compatible gases. (3000-0 ±3% of full scale). (3000-0 ±4% of full scale).

**Pressures:**
- **3000(MR)(MRS)-0**
- **3000(MR)(MRS)-00**

**Minors:**
- **.01**
- **.02**
- **.05**
- **.10**

**Ranges:**
- **0-20**
- **0-60**

**Electrical Connections:**
- **(4) 6-32 HOLES**
- **2-1/16˝**
- **5/8˝**

**Weight:**
- **1.8 Ib (816 g).**

**Options & Accessories:**
- **Tamper-proof Knobs,** require spanner type key (supplied) to change setpoints. Add suffix -TAMP.
- **Low Temperature Option** for use under -20°F (-29°C).
  - Add suffix -LT .
- **Medium Pressure** increases maximum rated pressure to 35 psig (2.41 bar).
  - Add suffix -MP .
- **High Pressure** increases maximum rated pressure to 80 psig (5.52 bar).
  - Add suffix -HP .
- **Weatherproof Housing Option.**
  - Add suffix -WP .
  - Add suffix -WP .

**Agency Approvals:**
- **CE.**
- **UL.**
- **CSA.**

**Agency Approvals:**
- **VDE.**
- **CSA.**

**Model:**
- **3000(MR)(MRS)-**
- **3000(MR)(MRS)-0**
- **3000(MR)(MRS)-00**

**Price:**
- **$286.00**

**Series 3000MR, 3000MRS Photohelic®**

**Specifications: Gage Specifications**
- **Service:** Air and non-combustible, compatible gases.
- **Wetted Materials:** Consult factory.
- **Accuracy:** ±2% of full scale (3000-0 ±3% of full scale). (3000-00 ±4% of full scale).
- **Pressure Limit:** -20° Hg. to 25 psig (-0.677 bar to 1.72 bar). MP option; 48.9 psig (3.35 bar). HP option; 80 psig (5.52 bar).
- **Temperature Limits:** 20 to 120°F (-6.7 to 48.9°C). (3000-00 -10°F to 140°F (-23°C to 60°C).
- **Process Connections:** 1/8” female NPT (duplicated side and back).
- **Size:** 4” (101.6 mm) dial face, 5” (127 mm) O.D. x 3-1/8” (79.38 mm).
- **Weight:** 1.8 lb (816 g).

**Switch Specifications 3000MR**
- **Switch Type:** Each setpoint has 1 form C relays (SPDT).
- **Switching Voltage:** 20-280 VAC (47-63 Hz).
- **Switching Current:** 0.2 amp (AC) max.
- **Power Requirements:** 24 VDC, regulated ±10%.

**Mounting Orientation:** Diaphragm in vertical position. Consult factory for other position orientations.

**Set Point Adjustment:** Adjustable knobs on face.

**Agency Approvals:** CE.