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 Magnehelic® gage 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 4-13/16˝ (122 mm) hole or surface mounted with hardware supplied. 3000MR models employ versatile electromechanical relays with gold over silver diaphragms in stainless steel bellows - suitable for dry and corrosive gases. 3000MRS models with SPST (N.O.) solid state relays. All models provide both low and high contacts – ideal for dry circuits. For applications requiring high cycle rates, choose solid state model. 3000MR models employ versatile electromechanical relays with gold over silver diaphragms in stainless steel bellows - suitable for dry and corrosive gases. 3000MRS models with SPST (N.O.) solid state relays. All models provide both low and high contacts – ideal for dry circuits. Examples: 3001MR or 3001MRS

### INCLUDED ACCESSORIES
- Mounting ring, snap ring
- (4) 6-32 x 1-1/4˝ RH machine screws (panel mounting)
- (2) 1/8˝ NPT pipe plugs (surface mounting)
- (4) 6-32 x 1-1/4˝ NPT adapters
- (3) 6-32 x 5/16˝ RH machine screws
- 18˝ (45 cm) cable assembly (panel mounting)
- 3000(MR)(MRS)-125PA
- 3000(MR)(MRS)-60PA*
- 3000(MR)(MRS)-00

### PRICES
- 3000(MR)(MRS)-125PA
- 3000(MR)(MRS)-60PA*
- 3000(MR)(MRS)-00

### OPTIONS & ACCESSORIES
- Tamper-proof Knobs, require spinner type key (supplied) to change setpoints. Add suffix -TAMP
- Low Temperature Option for use under 20°F (-6.7°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 (5.5 bar). Add suffix -HP
- Weatherproof Housing Option. Add suffix -WP
- CE compliant

### GAGE SPECIFICATIONS
- Gage Range: 0-3.0, 0-1.0, 0-0.5
- Diaphragm: 5.52 bar, 1.725 bar, 0.677 bar. (3000-00 ±4% of FS).
- Pressure Connection: 1/8˝ FEMALE NPT LOW, 1/8˝ FEMALE NPT HIGH, 1/8˝ FEMALE NPT LOW, 1/8˝ FEMALE NPT HIGH, 1/8˝ FEMALE NPT LOW, 1/8˝ FEMALE NPT HIGH
- Process Connections: 1-1/4˝ (32 mm) dia. 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 rated 1.0A @ 30 VDC, 0.3A @ 110 VDC or 0.5A @ 125 VAC.
- Relay Contacts: (Resistive load) 1 form C rated 1.0A @ 30 VDC, 0.3A @ 110 VDC or 0.5A @ 125 VAC.
- Gold over clad silver - suitable for dry circuits.
- Electrical Connections: 16˝ (46 cm) cable assembly with 8 conductors.
- Optional lengths to 100´ (30.5 m).

### 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.