CAPSU-PHOTOHELIC® PRESSURE SWITCH/GAGES
Lo-Limit and Hi-Limit Control, Aluminum or Brass Case Available

Set points are instantly adjusted with front knobs.

SERIES 43000 Capsu-Photohelic® Switch/Gages function as versatile, highly repeatable pressure switches combined with a precise pressure gage employing the time-proven Magnehelic® gage design. The Capsu-Photohelic® switch/gage employs an encapsulated sensing element for use with both liquids and gases at pressures to 500 psig (34 bar). Optional cast brass case is available for water or water based liquids. Two phototransistors actuated, DPDT relays are included for low/high limit control. Easy to adjust set point indicators are controlled by knobs located on the gage face. Individual set point deadband is one pointer width — less than 1% of full scale. Set points can be interlocked to provide variable deadband — ideal for control of pumps.

FEATURES/BENEFITS
• Gage capsule permits high-pressure usage with small differentials
• Zero and range adjustments outside of gage means no disassembly in normal service
• Time-proven, simple, frictionless movement that permits full scale readings as low as 0.5 in w.c.
• Photo-electronic relays provide fast-acting switching with variable deadband control for chatter-free operation

APPLICATIONS
• Pump control
• Pumping systems
• Waste water
• Compatible liquid or gas applications

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• Pump control
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OPTIONS
To order add suffix: Description
-SRH Single relay activates on increase
-SRL Single relay activates on decrease
-24VAC 24 VAC relay pack
-240VAC 240 VAC relay pack
-RMR Remote mounted relay
-TAMP Tamper proof knobs
-WP Weatherproof (NEMA 4)
-EXPL Explosion-proof (NEMA 7 C, D, 9 E, F, G; NEC Class I, Div. 1 & 2, Groups C, D, Class II, Div. 1 & 2, Groups E, F, G, Class III
-NIST NIST traceable calibration certificate

Example: 43001-NIST B Brass body; For water based liquids order optional brass case
Example: 43001B

USA: California Proposition 65
*WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Process Tubing Options: See page 489 (Gage Tubing Accessories)

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