Dual-Action Explosion-Proof Pressure Switches

Low Cost OEM Pressure Switch

Series H2

Explosion-Proof, UL & CSA Listed for Class I, Groups B, C & D and Class II, Groups E, F & G. The H2 is designed for sequencing two different actions as pressure of a liquid or gas increases or decreases. The design consists of two concentric pistons operated by a single pressure chamber. Each piston actuates a separate switch independent of the other. The switches may be adjusted to operate together, at opposite ends of the range or at two intermediate set points. The threaded top is removed to field adjust or service switches without disturbing electrical or pressure connections. The Duotec® switch is explosion-proof and weatherproof. It can be mounted in any position and is not affected by vibration.

Options include a convenient indicating scale for quick and easy field adjustment. Direct control of motors or pumps without the use of external relays, a true cost savings. 15 A contact allows compatibility with a wide range of process media. The open case style is perfect for panel mounting applications like pump skids. Field-installable weatherproof enclosure is available with FEP diaphragm and Buna-N O-ring optional. EPDM O-ring optional. Enclosure Rating: explosion-proof, Class I, Groups B, C, and D. Class II Groups E, F, and G. Meets NEMA 4X (IP66), CSA optional. Class I, Groups B, C & D. Class II, Groups E, F, & G -20°C ≤ Tamb ≤ 75°C T6 [optional -20°C ≤ Tamb ≤ 40°C T5 Type 4].

SPECIFICATIONS


Switch Type: Two SPDT snap switches. Electrical Rating: 5 A @ 125/250 VAC, 5 A res., 3 A ind. @ 30 VDC. Gold contacts or 10 A switch optional. Electrical Connections: 18 AWG, 18” (460 mm) long. Conduit Connection: 3/4” female NPT. Process Connection: 1/2” female NPT. Mounting Orientation: Any position. Set Point Adjustment: Internal nut. Weight: 2 lb (0.9 kg). Deadband: Approximately 10% of range.

Agency Approvals: CE, CSA, UL.

Series A1F

Low cost and precision made, the A1F Pressure Switch is ideal for OEM industrial applications. Wetted materials of 316 SS and fluorocarbon ensure great chemical compatibility with a wide range of process media. The open case style is perfect for panel mounting applications like pump skids. Field-installable weatherproof enclosure is available in polycarbonate offering a low cost weatherproof switch. Superior 15 A contact allows direct control of motors or pumps without the use of external relays, a true cost savings. Features include a convenient indicating scale for quick and easy field adjustment.

OPTIONS


SPECIFICATIONS


Agency Approvals: CE, cUL, UL.

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