

SERIES 1800 | LOW DIFFERENTIAL PRESSURE SWITCH

FEATURES/BENEFITS

- Compact size and repeatability, provides a high-value switch for many industrial applications
- Designed for panel and wall mounting and provides easy access that simplifies making adjustments or changes to switch setting.
- Wide range of models from 0.07 in w.c. to 85 in w.c. can meet exacting specifications for a low pressure switch



APPLICATIONS

- Process applications
- Mechanical equipment control

DESCRIPTION

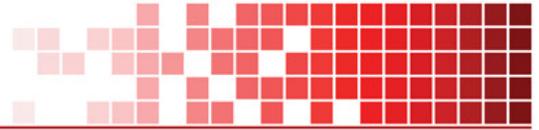
Essential for industrial environments, the **SERIES 1800** combines small size and low price with 2% repeatability for enough accuracy for all but the most demanding applications. Set point adjustment inside the mounting stud permits mounting switch on one side of a wall or panel with adjustment easily accessible on the opposite side. UL and CSA listed, and FM approved. For use with air or compatible gages.



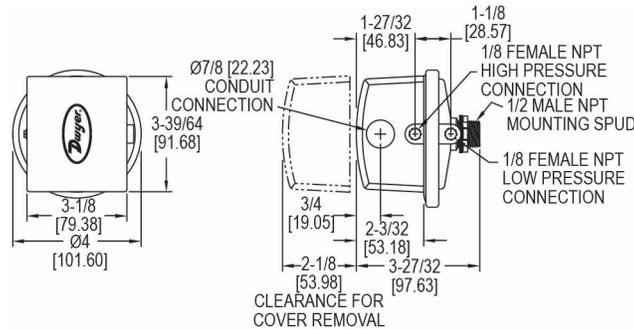
SPECIFICATIONS

Service	Air and non-combustible, compatible gases.
Wetted Materials	Consult factory.
Temperature Limits	-30 to 180 °F (-34 to 82.2 °C). 1823-00, -20 to 180 °F (-28.9 to 82.2 °C).
Pressure Limits	10 psig (68.95 kPa) continuous, 25 psig (172.4 kPa) surge.
Switch Type	Single-pole double-throw (SPDT).
Repeatability	±2%.
Electrical Rating	15 A @ 120-480 VAC, 60 Hz. Resistive 1/8 HP @ 125 VAC, 1/4 HP @ 250 VAC, 60 Hz. De-rate to 10 A for operation at high cycle rates.
Electrical Connections	3 screw type, common, normally open and normally closed.
Process Connections	1/8" female NPT.
Mounting Orientation	Diaphragm in vertical position. Consult factory for other position orientations.
Set Point Adjustment	Screw type inside mounting stud.
Weight	1 lb, 5 oz (595 g).
Agency Approvals	CE, CSA, FM, UL. NOTE: Optional (-EXPL) Explosion-proof Enclosure does not possess any agency approvals.



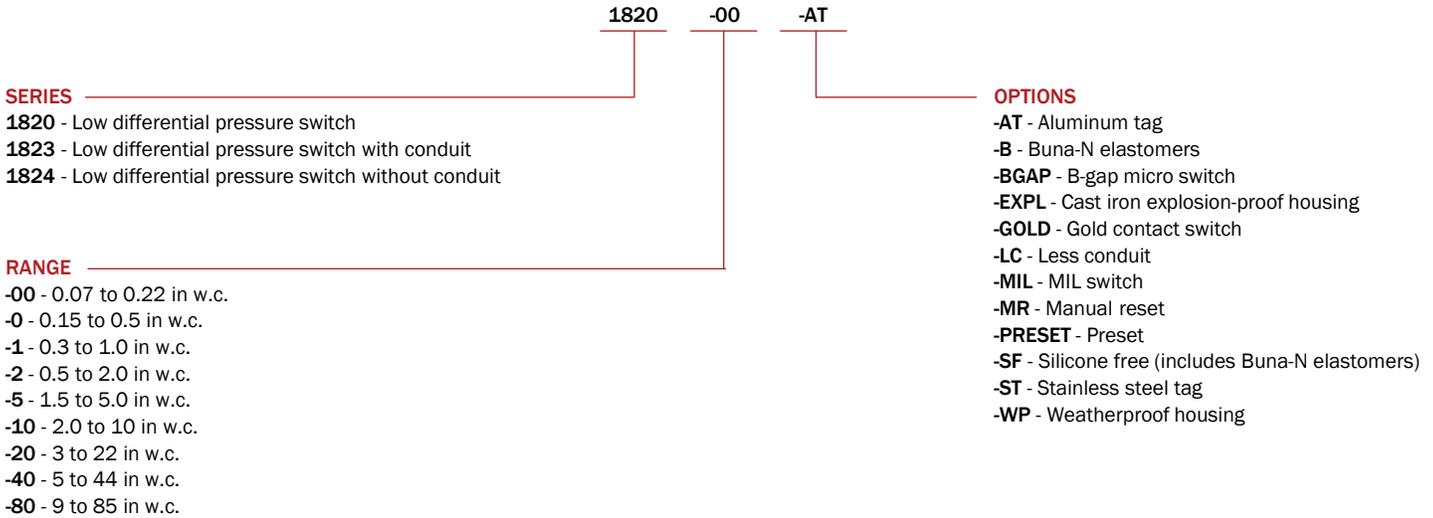


DIMENSIONS



HOW TO ORDER

Use the **bold** characters from the chart below to construct a product code



ACCESSORIES

Model	Description
A-389	Mounting bracket; 16 ga. steel, zinc plated and dichromate dipped for corrosion resistance; provides rugged, permanent mounting and speeds installation
A-489	4" straight static pressure tip with flange
A-491	6" straight static pressure tip with flange
A-493	8" straight static pressure tip with flange
A-302F-A	303 SS Static pressure tip with mounting flange; for 3/16" ID rubber or plastic tubing; 4" insertion depth; includes mounting screws
A-302F-B	303 SS Static pressure tip with mounting flange; for 3/16" ID rubber or plastic tubing; 6" insertion depth; includes mounting screws
A-302F-C	303 SS Static pressure tip with mounting flange; for 3/16" ID rubber or plastic tubing; 8" insertion depth; includes mounting screws

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