

DWYER LOW DIFFERENTIAL PRESSURE SWITCHES 1800 SERIES



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.

NEW!



1800 Series



SPECIFICATIONS	
Repeatability	±2.0%
Operating Pressure	10 psig (69 kPa) continuous, 25 psig (172 kPa) surge
Measurement Range	1.5-5.0" W.C., 0.3-1.0" W.C., and 0.5-2.0" W.C.
Operating Temperature	-30° to 180°F (-34° to 82°C)
Process Connection	1/8" FNPT
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
Setpoint Adjustment	Screw type inside mounting spud
Media Compatibility	Air and non-combustible, compatible gases
Mounting Orientation	Diaphragm in vertical position
Switch Type	SPDT
Approvals	CE, CSA, FM
Weight	1.3 lb (0.6 kg)
Warranty	1 year

ORDERING INFORMATION	
MODEL	DESCRIPTION
1820-5MR	Low differential pressure switch, 1.5-5.0" W.C., manual reset
1823-1	Low differential pressure switch with conduit, 0.3-1.0" W.C.
1823-2	Low differential pressure switch with conduit, 0.5-2.0" W.C.
1823-5	Low differential pressure switch with conduit, 1.5-5.0" W.C.
T-101	RELATED PRODUCTS 1.4" OD Poly Tubing 250' spool
A-302-K	Duct static pressure tip, 1/4" barb
A-301-K	Duct static pressure tip, 1/4" compression
A-389	Stand off bracket for 1800 switch
A-489	4" straight pressure tip kit, 1/4" barb
A-491	6" straight pressure tip kit, 1/4" barb
A-493	8" straight pressure tip kit, 1/4" barb

PRESSURE

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NEW!