



Low Differential Pressure Switch for General Industrial Service

Set Points from 0.07" to 85" w.c. Repetitive Accuracy within 2%

Models Select Chart

EXAMPLE	1820	00	AT	Series 1820-00-AT Low Differential Pressure Switch, range 0.07-0.22" w.c., with aluminum tag.
SERIES	1820 1823 1824			Low Differential Pressure Switch Low Differential Pressure Switch with Conduit Low Differential Pressure Switch without Conduit
RANGE		00 0 1 2 5 10 20 40 80		0.07-0.22" w.c. 0.15-0.5" w.c. 0.3-1.0" w.c. 0.5-2.0" w.c. 1.5-5.0" w.c. 2.0-10.0" w.c. 3.0-22.0" w.c. 5.0-44.0" w.c. 9.0-85.0" w.c.
OPTIONS			AT B BGAP EXPL GOLD LC MIL MR PRESET SF ST WP	Aluminum Tag Buna-N Elastomers B-Gap Micro Switch Cast Iron Explosion-proof Housing Gold Contact Switch Less Conduit MIL Switch Manual Reset Preset Silicone Free (includes Buna-N Elastomers) Stainless Steel Tag Weatherproof Housing

Accessories

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

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 spud.
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.