



Differential Pressure Switches, Compact Low

Set Points from 0.07" to 20" w.c., Repetitive Accuracy within 3%

Models Select Chart	
Model	Description
1910-0	Differential pressure switch, range 0.15-0.5" w.c., approx. deadband @ min. set point 0.10, approx. deadband @ max. set point 0.10.
1910-00	Differential pressure switch, range 0.07-0.15" w.c., approx. deadband @ min. set point 0.04, approx. deadband @ max. set point 0.04.
1910-1	Differential pressure switch, range 0.40-1.6" w.c., approx. deadband @ min. set point 0.15, approx. deadband @ max. set point 0.16.
1910-10	Differential pressure switch, range 3.0-11.75" w.c., approx. deadband @ min. set point 0.40, approx. deadband @ max. set point 0.40.
1910-20	Differential pressure switch, range 4.0-20.0" w.c., approx. deadband @ min. set point 0.40, approx. deadband @ max. set point 0.50.
1910-5	Differential pressure switch, range 1.40-5.5" w.c., approx. deadband @ min. set point 0.30, approx. deadband @ max. set point 0.30.

Options

- Weatherproof Housing** - 16 ga. steel enclosure with gasketed cover (NEMA 4, IP66) for wet or oily conditions. Withstands 200 hour salt spray test. Wt. 5 lbs (2.3 kg). Switch must be factory installed. Change 1910 base number to 1911 and add –WP suffix. Example: 1911-1-WP.
- Explosion-proof Housing** - Cast iron base with brass cover. Rated Class I, Group D; Class II, Groups E, F, G. (7 lbs). Switch must be factory installed. Change model number to 1911 and add –EXPL suffix. Example: 1911-1-EXPL.
- Manual Reset Model 1900-MR** - includes special snap switch which latches on pressure increase above the setpoint. Switch must be manually reset after pressure drops below the setpoint. To order change base model to 1900 and add MR suffix after range number. Example: 1900-10-MR. Available on -1, -5, -10 or -20 ranges only. Option is not UL, CSA or FM listed. **NOTE:** Manual Reset (MR) option for use only in single positive pressure applications.

Accessories

Accessories	
Model	Description
A-399	Duct pressure monitor kit, for use with standard or manual reset model switches.
A-329	1/8" NPT close coupled street ell, brass.
A-489	4" 303 SS straight static pressure tip with flange.
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).
Pressure Limits	:	45 in w.c.(11.2 kPa) continuous, 10 psig (68.95 kPa) surge.
Switch Type	:	Single-pole double-throw (SPDT).
Repeatability	:	±3%.
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 conduit enclosure.
Weight	:	1 lb 4. 5 oz (581 g).
Agency Approvals	:	CE, CSA, FM, and UL. Optional (-EXPL) Explosion-proof Enclosure does not possess any agency approvals.