



Differential Pressure Switches
With Dual Scale Field Adjustable Set Point Knob

Models Select Chart - ADPS	
Model	Description
ADPS-03-2-N	Adjustable differential pressure switch, set point range 0.20 to 2.00" w.c., M20 connection.
ADPS-04-2-N	Adjustable differential pressure switch, set point range 0.12 to 1.60" w.c., M20 connection.
ADPS-05-2-N	Adjustable differential pressure switch, set point range 0.80 to 4.00" w.c., M20 connection.
ADPS-06-2-N	Adjustable differential pressure switch, set point range 2.00 to 10.00" w.c., M20 connection.
ADPS-07-2-N	Adjustable differential pressure switch, set point range 4.00 to 20.00" w.c., M20 connection.
ADPS-08-2-N	Adjustable differential pressure switch, set point range 0.08 to 1.20" w.c., M20 connection.

Models Select Chart - EDPS	
Model	Description
EDPS-03-2-N	Adjustable differential pressure switch, range .20-2.00" w.c., with M20 connection.
EDPS-04-2-N	Adjustable differential pressure switch, range .12-1.60" w.c., with M20 connection.
EDPS-05-2-N	Adjustable differential pressure switch, range .80-4.00" w.c., with M20 connection.
EDPS-06-2-N	Adjustable differential pressure switch, range 2.00-10.00" w.c., with M20 connection.
EDPS-07-2-N	Adjustable differential pressure switch, range 4.00-20.00" w.c., with M20 connection.
EDPS-08-2-N	Adjustable differential pressure switch, range .08-1.20" w.c., with M20 connection.

Models Select Chart - BDPS	
Model	Description
BDPA-03-2-N	Adjustable differential pressure alarm, range .20-2.00" w.c., M20 connection.
BDPA-04-2-N	Adjustable differential pressure alarm, range .12-1.60" w.c., M20 connection.
BDPA-05-2-N	Adjustable differential pressure alarm, range .80-4.00" w.c., M20 connection.
BDPA-06-2-N	Adjustable differential pressure alarm, range 2.00-10.00" w.c., M20 connection.
BDPA-07-2-N	Adjustable differential pressure alarm, range 4.00-20.00" w.c., M20 connection.
BDPA-08-2-N	Adjustable differential pressure alarm, range .08-1.20" w.c., M20 connection.

Models Select Chart - BYDS	
Model	Description
BYDS-01-2	Bypass damper switch, .08-.8" w.c., cable gland connection, incl installer kit
BYDS-05-2	Bypass damper switch, .80-4.00" w.c., M20 connection, incl installer kit
BYDS-06-2	Bypass damper switch, 2.00-10.00" w.c., M20 connection, incl installer kit

Accessories

Model	Description
A-288	"L" type metal mounting bracket with screws.
A-289	"S" type metal mounting bracket with screws.
A-468	Replacement battery for Series BDPA.
A-483	1/2" conduit fitting adapter.
A-489	4" 303 SS straight static pressure tip with flange.
A-481	Installer kit (includes 2 static pressure tips and PVC tubing).
A-480	Plastic static pressure tip.

Specifications:-

Service	:	Air and non-combustible, compatible gases
Wetted Materials	:	ADPS: Diaphragm material: Silicone; Housing material: POM; Switch body: PA 6.6; Cover: Polystyrene; EDPS: Diaphragm material: Silicone; Housing material: Switch body: PA 6.6; Cover: Polystyrene; Materials UL 94 V-0 rated.
Temperature Limits	:	Process and ambient temperature from -4 to 185°F (-20 to 85°C).
Pressure Limits	:	Max. Operating Pressure: 40" w.c. (10 kPa) for all pressure ranges.
Switch Type	:	Single-pole double-throw (SPDT).
Electrical Rating	:	Max. 1.5 A res./0.4 A ind./250 VAC, 50/60 Hz; Max. Switching rate: 6 cycles/min.
Electrical Connections	:	Push-on screw terminals. M20x1.5 with cable strain relief or optional 1/2" NPT connection.
Process Connections	:	5/16" (7.94 mm) outside diameter tubing, 1/4" (6.0 mm) inside diameter tubing.
Enclosure Rating	:	NEMA 3 (IP54).
Mounting Orientation	:	Vertically, with pressure connections pointing downwards.
Mechanical Working Life	:	Over 10 ⁶ switching operations.
Weight	:	5.6 oz (160 g).
Agency Approvals	:	CE, ETL approved to UL508 and CSA C22.2#14 (EDPS only).

