



PRESSURE

DIFFERENTIAL PRESSURE SWITCH / GAUGE A3000 SERIES

DESCRIPTION

The **Dwyer Series A3000 Photohelic® Differential Pressure Switch/Gauge** combines two versatile, precise pressure switches with a time-proven Magnehelic® pressure gauge. The gauge reading is unaffected by switch operation. External knobs are used to adjust the two DPDT switch setpoints. Switch setpoints (indicated by red pointers) and system pressure are fully visible at all times. Ranges are available from 0" to 0.25" W.C. up to 10" W.C. full scale. The **A3000 Series** may be ordered with the switch assembly remote mounted to facilitate panel mounting.



A3002

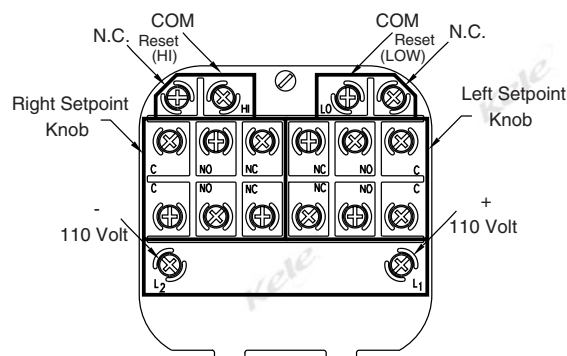
Dwyer®



FEATURES

- **Two DPDT switches, externally adjustable**
- **Dependable Magnehelic® pressure indication**
- **2% F.S. accuracy**
- **Visible switch set points and pressure indication**
- **Easily accessible zero adjustment**
- **4" (10.2 cm) easy-to-read white dial**
- **Optional manual reset**
- **Optional remote mounting of switch assembly**
- **UL listed, CSA and CE certified**

WIRING



SPECIFICATIONS

Supply Voltage	110 VAC, 50/60 Hz, 5W
Contact Rating	10A @ 120 VAC, 60 Hz resistive
Accuracy	±2% of full scale @ 70°F (21°C), ±3% on -0 models, ±4% on -00 models
Overpressure	20" Hg to 25 psig (172 kPa) total pressure on either side of diaphragm
Operating Temperature	20° to 120°F (-7° to 49°C)
Process Connection	1/8" FNPT

Conduit Entrance	3/4" conduit
Cutout Size	4.75" (12.06 cm) diameter
Depth Required	7.63" (19.37 cm)
Dimensions	5.0"H X 5.0"W X 8.44"D (12.7 X 12.7 X 21.4)
Approvals	UL listed, file #E38121, CSA, CE
Weight	4.0 lb (1.81 kg)
Warranty	1 year

ORDERING INFORMATION

MODEL	RANGE "W.C."	MINOR DIVISION	MODEL	RANGE "W.C."	MINOR DIVISION
A3000-00	0-0.25	0.005	A3004	0-4.0	0.10
A3000-0	0-0.50	0.01	A3005	0-5.0	0.10
A3001	0-1.0	0.02	A3006	0-6.0	0.20
A3002	0-2.0	0.05	A3008	0-8.0	0.20
A3003	0-3.0	0.10	A3010	0-10	0.20

OPTIONS

RMR	Remote mounting gauge and separate relay assembly with 5ft (12.7 cm) interconnecting cable (additional cable available in 5ft increments)	Contact Kele for pressure ranges other than those shown (metric ranges, air velocity scales, etc.)
TAMP	Tamper-proof knobs	
A-601	Manual reset switch (one required for each circuit)	

RELATED PRODUCTS

		PAGE
A-301-K	Duct static pressure tip, 1/4" compression	1113
A-302-K	Duct static pressure tip, 1/4" barb	1113
A-345-K	Flange mounting kit (1 required for each A-301-K or A-302-K)	1113
T-101	1/4" OD black poly tubing, 1 coil, 250 ft (76 m)	901