



PRESSURE

DIFFERENTIAL PRESSURE SWITCH

KDPS SERIES

DESCRIPTION

The **Kele KDPS Series Adjustable Differential Pressure Switches** are general-purpose, airflow-proving switches designed for HVAC and building automation applications. The **KDPS Series** can be used to sense positive, negative, or differential air pressure. It is housed in a rugged plastic enclosure with a removable cover protecting the set point adjustment knob and snap action switch terminals. Electrical connections are made through a 7/8" diameter opening with M20X1.5 conduit connection. Optional 1/2" NPT connection is available by adding "F" to the part number.

FEATURES

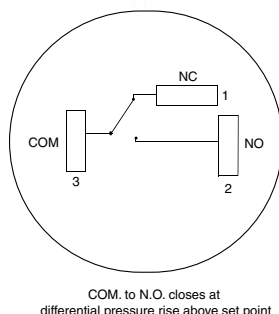
- **Transparent cover for setpoint confirmation**
- **Easy, field adjustable set point**
- **Dual scales**
- **Installer kit with PVC tubing included**



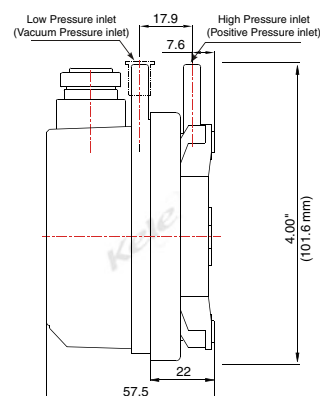
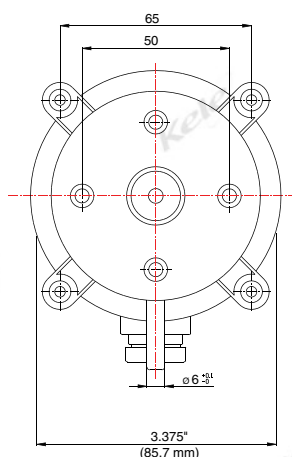
KDPS Series



WIRING



DIMENSIONS



SPECIFICATIONS

Relay Type Relay Rating	SPDT 1.5A @ 250 VAC resistive, .4A @ 250 VAC inductive	Sensor Type Overpressure Max Operating Pressure Operating Temperature Operating Humidity Wetted Parts Media Compatibility Inert Process Connection Wiring Terminations Mounting Enclosure Rating Dimensions	Diaphragm (Burst) 40 .4"WC (10kPa) (Proof) 20"WC (5kPa) -40° to 185°F (-40 to 85°C) 10 to 90% Non-condensing Rubber for clean air only Dry air 0.23 OD nipple for 0.25 OD/0.17 ID tubing 3 Terminals SPDT 4 tabs w/Holes 0.14" (0.36cm) NEMA 3R, (IP54) 3.95"W x 3.49"H x 1.55"D, (10 x 8.9 x 3.9 cm) 0.38 lb (0.17 Kg) CE, UL File #MH46253, RoHS 1 year
Setpoint KDPS-02 KDPS-03 KDPS-04 KDPS-05 KDPS-10 KDPS-25 Differential Fixed, KDPS-02/03 KDPS-04/05 KDPS-10 KDPS-25 Reset Automatic Visual Indication	0.08" to 0.80" WC (20 to 200 Pa) 0.12" to 1.20" WC (30 to 300 Pa) 0.16" to 1.60" WC (40 to 400 Pa) 0.80" to 4.0" WC (200 to 1000 Pa) 2.0" to 10.0"WC (500 to 2500 Pa) 0.04" to 0.06" WC (Per order) 0.04" WC (10 Pa) 0.08" WC (20 Pa) 0.4" WC (100 Pa) 0.6"WC (150 Pa) Reset by differential Internal SP dial	Weight Approvals Warranty	

ORDERING INFORMATION

MODEL	DESCRIPTION
KDPS-02	Differential pressure switch, 0.08" to 0.80" WC (20 to 200 Pa)
KDPS-03	Differential pressure switch, 0.12" to 1.20" WC (30 to 300 Pa)
KDPS-04	Differential pressure switch, 0.16" to 1.6" WC (40 to 400 Pa)
KDPS-05	Differential pressure switch, 0.20" to 2.00" WC (50 to 500 Pa)
KDPS-10	Differential pressure switch, 0.80" to 4.0" WC (200 to 1000 Pa)
KDPS-25	Differential pressure switch, 2.0" to 10.0" WC (500 to 2500 Pa)
Note: Add "F" to part number for 1/2" NPT connection - Example KDPS-02F	