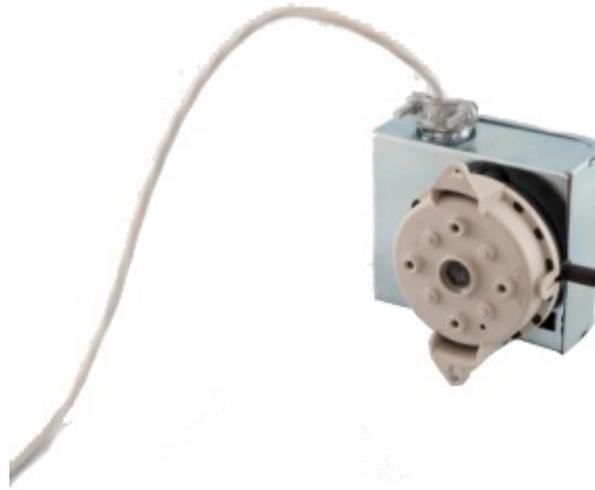


# Air Pressure Sensing Switch

## MODEL SDS-10



### OPERATION

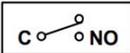
#### Electrical Specifications

##### Electrical Ratings

###### Silver Contracts:

- SPDT, SPST Electrical Load: 1/10 HP at 120-277V AC; 28VA Pilot Duty at 24V AC; 125VA Pilot Duty at 120V AC
- SPST Electrical Load: 3 Amps Resistive at 24 & 120 to 277V AC

##### Terminal Connections

- 1/4" x .032 Quick Connect Terminals
- Switching Action:  
Change Contact Position on Pressure Rise at Set Point
- Contact Arrangement: SPNO
- Position of Contacts Before Pressure is Applied: 

#### Electronic Cycle Timing Module

- Electrical Rating — P.C. Board
- 1VA at 120V AC, 50/60Hz
- Electrical Rating — Contacts
- Terminal 3, 8A at 250V AC, 50/60Hz
- Screw Connector, clamp type terminal block suitable for 12-26AWG
- Timing Range: 10min (600 sec) ± 10%

#### Other Specifications

##### Options Included

- Electronic Cycle Timing Module, 10min—ON—15sec—OFF
- Switch enclosure with removable cover will accept (3) 1/2" conduit connections
- 3 conductor cable with ground, 10" long external length
- Probe accessory kit, with 2" long insert probe and (4) #8 x 1/2 square drive (Type TEK) screws

##### Agency Approvals

- UL / cUL / CSA & CE
- CE ([www.unicontrolinc.com](http://www.unicontrolinc.com) for EU Declaration of Conformity)
- Timer Module approved as an Accessory by UL and cUL

#### More about the Operation

- Recycling delay timer with 10min—ON—15sec—OFF cycle
- Shown in "On Shelf" condition:  
No power and no differential pressure applied
- As differential pressure exceeds set point: The snap switch NO contact closes, signaling the microprocessor that the air switch has changed state. The microprocessor will energize the relay and start the timing sequence

### COMPATIBLE FANS



#### Inline Fans

- OIF4-140
- OIF5-190
- OIF6-260
- OIF8-560
- OIF10-670
- OIF12-880



#### Dryer Booster Fans

- SDF200

ORTECH reserves the right to modify at any time, without notice, any or all of our product's features, designs, components and specifications to meet market changes.