



Air Pressure Switch

TM-TTD-TBS

SERIES TBS air switches are single function controls that provide safe actuation of electrical devices from remote locations. These basic component switches are available with either momentary or alternate action switching logic. Their compact design makes them ideal for use in applications where size is a primary consideration. TBS300 models feature a center spout for connecting tubing while the TBS400 models feature a side spout connector. TBS3200 models employ a metal fitting adapter which allows the tubing

to be clamped to the fitting while TBS3300 models are equipped with a 1/8" NPT pressure connection base pan. The TBS300 and TBS400 units are designed with a dual spout pressure connector accepting either 1/8" ID or 1/16" ID flexible plastic or rubber tubing. The TBS3200 connector is suitable for 1/8" I.D. or 3/16" I.D. tubing.

Electrical connections on all TBS configurations are made via 1/4" male quick connect terminals. Series TBS air switches are designed to provide superior performance when used in conjunction with Tecmark® LectricAir® pressure transmitters. They are designed and engineered to exceed 100,000 cycles under full mechanical, electrical and thermal loads.



TYPICAL APPLICATIONS:

Series TBS air switches provide on/off switching for a large variety of electrical devices including motors, lights, pumps, air blowers, or other associated equipment.

BASIC CONSTRUCTION:

- 1/4" quick connect electrical terminals
- Silicone diaphragm material
- Durable thermoplastic construction
- Through-panel or surface mounting
- UL Recognized, Canadian and United States, as an operating control
- Switches available with international approvals

AVAILABLE FEATURES:

- SPST, SPDT, DPST, or DPDT terminal configurations
- Momentary or alternate action switching logic
- Standard or 90° electrical terminals
- Models available with or without wiring enclosure
- TBS400 spout/pressure connector can be factory oriented in 15° increments
- Alternative diaphragm materials available

RATINGS AND SPECIFICATIONS:

- Electrical ratings to 25 amp, 240 VAC
- Field tested critical components specifically selected to operate reliably in temperature extremes of -40° to 180° F (-40°C to 82°C)
- Plastic case materials suitable in applications up to 266°F (130°C)
- 100,000+ cycle life under full mechanical, electrical and thermal loads

All specifications are subject to change without notice



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