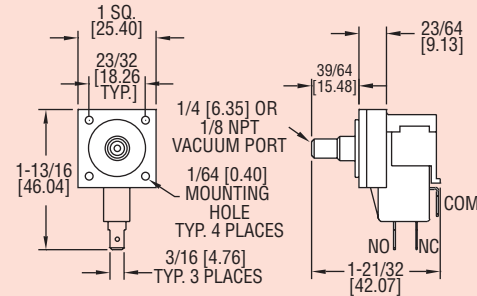




Series
MVS

Miniature Vacuum Switch

SPDT N/O or N/C Switch, Adjustable Set Point, Ideal for OEM's



Compact, lightweight, and adjustable, the Series MVS Miniature Vacuum Switch is specially designed for OEM applications. This low cost switch has a minimum life expectancy of 10 million cycles and has an extremely fast response time. Typical applications for the MVS are HVAC, home appliance, dairy systems, medical, office equipment, and pump control.

STOCKED MODELS in bold

Model Number	Set Point in. H ₂ O (mbar)	
	Minimum	Maximum
MVS-1	3 (8)	8 (20)
MVS-2	9 (21)	80 (199)
MVS-3	81 (200)	330 (822)
MVS-4*	3 (8)	8 (20)
MVS-5*	9 (21)	80 (199)
MVS-6*	81 (200)	330 (822)

* Models have 1/8" male NPT process connections.

SPECIFICATIONS

Service: Air or compatible fluids on "high side".

Wetted Materials: Housing: polycarbonate; Diaphragm: polyurethane.

Temperature Limits: 40 to 150°F (4 to 66°C).

Pressure Limits: Up to Maximum Range.

Repeatability: ±20%.

Switch Type: SPDT normally open or normally closed.

Electrical Rating: Range 3 to 8 in w.c.: 3A, 125/250 VAC; Range 9 to 80 in w.c.: 10A, 125/250 VAC; Range 81 to 330 in w.c.: 15A, 125/250 VAC.

Contacts: Silver with brass terminals.

Electrical Connections: Terminals - 0.187" x 0.20: spade for use with quick disconnects.

Process Connections: Models MVS 1 to MVS 3: Smooth port 0.25" diameter; Models MVS 4 to MVS 6: 1/8" male NPT.

Mounting: Use #2 screws through eyelets.

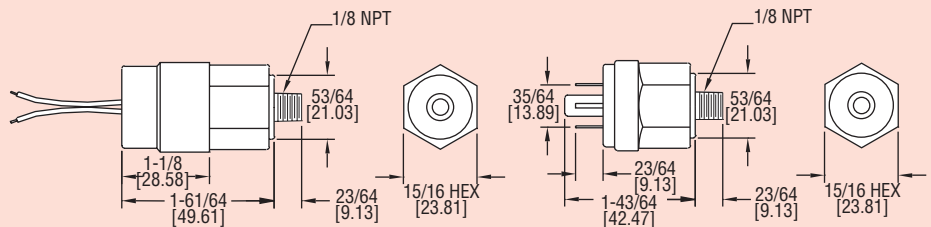
Weight: Less than 19 g.



Series
A2

Subminiature Pressure Switch

Designed for OEM Use, Field Adjustable, Submersible Models Available



Designed for OEM applications, the Series A2 is economical and is equipped with high proof pressure capabilities for demanding applications. The A2 is available with either spade terminals or flying leads (submersible). Switches with spade terminals can be easily adjusted in the field.

STOCKED MODELS in bold

Model Number	Range psi (bar)	Electrical Connection	NO/NC	Model Number	Range psi(bar)	Electrical Connection	NO/NC
A2-1801	2-10 (.14-.69)	Spade Terminals	NO	A2-3801	20-60 (1.4-4.1)	Spade Terminals	NO
A2-18032*	2-10 (.14-.69)	Flying Leads (Submersible)	NO	A2-38032*	20-60 (1.4-4.1)	Flying Leads (Submersible)	NO
A2-1811	2-10 (.14-.69)	Spade Terminals	NC	A2-3811	20-60 (1.4-4.1)	Spade Terminals	NC
A2-18132*	2-10 (.14-.69)	Flying Leads (Submersible)	NC	A2-38132*	20-60 (1.4-4.1)	Flying Leads (Submersible)	NC
A2-2801	7-25 (.48-1.72)	Spade Terminals	NO	A2-4801	50-150 (3.5-10.3)	Spade Terminals	NO
A2-28032*	7-25 (.48-1.72)	Flying Leads (Submersible)	NO	A2-48032*	50-150 (3.5-10.3)	Flying Leads (Submersible)	NO
A2-2811	7-25 (.48-1.72)	Spade Terminals	NC	A2-4811	50-150 (3.5-10.3)	Spade Terminals	NC
A2-28132*	7-25 (.48-1.72)	Flying Leads (Submersible)	NC	A2-48132*	50-150 (3.5-10.3)	Flying Leads (Submersible)	NC

* Submersible models are not field adjustable. Set point must be given at time of order.

SPECIFICATIONS

Service: Compatible liquids and gases.

Wetted Materials: Kapton® and brass.

Temperature Limits: -40 to 250°F (-40 to 12°C).

Pressure Limits: 500 psi (34 bar).

Enclosure Rating: IP68 (Submersible models only).

Repeatability: ±5% of highest set point.

Switch Type: SPST, 100VA, 42V.

Electrical Connection: 1/4" (6.3 mm). (6.3 mm) Spade terminals or flying leads.

Process Connection: 1/8" male NPT.

Weight: 0.14 lb (0.06 kg).

Deadband: 1-2 psi (.14 bar).

Agency Approvals: CE.