Micro Valves

Spring Return

Type S-3-PK-3-B



Type SO-3-PK-3-B



The external dimensions of these valves meet the specifications of DIN 41635 form A.

The switching point is pressure-dependent and varies up to 0.03 in / 0.8 mm in the pressure range from 0 to 120 psi / 0 to 8 bar.

The maximum by which the switching point may be exceeded is 0.02 in / 0.5 mm.

The valve should not be used as a fixed stop.

The valve can only be actuated at right angles to the axis of the stem. If the angle deviates by $\pm\,5^{\circ}$, valve actuators must be used.

Optional Actuators: (Órder separately)

Push-Button

Type AT-06-B

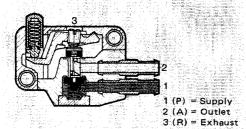


Toggle Switch

Type AH-06-B

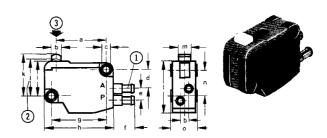
Complete with Mounting Screws and Nuts

Example: Type S-3-PK-3-B

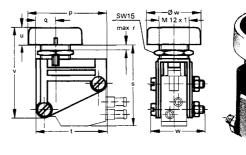


Type S-3-PK-3-B

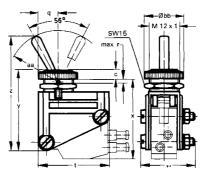
SO-3-PK-3-B



Type AT-06-B



Type AH-06-B



Dimensions

- 0.80 in / 20.2 mm 0.81 in / 20.4 mm 0.16 in / 4 mm 0.20 in / 5 mm 0.14 in / 3.4 mm 0.40 in / 10.3 mm 0.30 in / 7.5 mm 0.42 in / 10.4 mm 0.19 in / 4.8 mm 1.24 in / 31.6 mm 0.33 in / 8.5 mm 0.31 in / 8 mm 0.89 in / 22.2 mm 0.14 in / 3.5 mm 1.08 in / 27.8 mm 1.28 in / 32.6 mm 0.53 in / 13.5 mm 1.12 in / 28.6 mm
- 0.57 in / 14.4 mm 0.30 in / 7.6 mm 0.65 in / 16.5 mm 1.44 in / 36.5 mm

- 1 Barbed fittings 1/8 in / 3 mm tubing
- (2) Actuation point (min)
- (3) Direction of actuation SW = wrench size, mm
- w 0.87 in / 22 mm 1.29 in / 32.8 mm
- 1.28 in / 32.5 mm
- 1.81 in / 46 mm aa 0.82 in / 20.7 mm bb 0.63 in / 16 mm

Order Nümber	Valve	7843 S-3-PK-3-B	10403 SO-3-PK-3-B	The second of th	1
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	Actuators	Total Tota	1	10398 AT-06-B	10399 AH-06-B
Medium		Compressed air (filtered, lubricated or unlubricated) or vacuum†			
Mounting		2 through holes in housing			
Connection		Barbed fittings for 3 mm tubing			
Orifice Size		0.07 in / 1.8 mm			
C _V Factor	(P → A)	0.06 C _v / 60 I/min			
Pressure Range		28.5 in Hg to 120 psi / -0.95 to +8 bar			
Operating Force at 90 psi / 6 bar Supply*		1.35 lbf / 6N		2.25 lbf / 10 N	
Design		Seat valve, directly actuated, spring return			
Material		Polymer, brass	Polymer, brass Polymer		
Weight		0.015 lb / 0.007	kg	0.055 lb / 0.025 kg	0.066 lb / 0.030 kg

^{* 14} to 140°F / -10 to +60°C

[†] Vacuum connection at 1 (P)

Product Range and Company Overview

A Complete Suite of Automation Services

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