

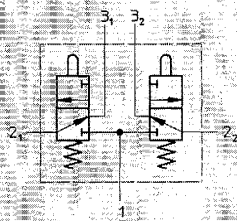
# Manually Actuated Valves for Panel Mounting

**FESTO**

3/2 - 3 Way, 2 Position Valves, Directly Actuated, Barbed Fittings for 3/16 in\*\* / 3 mm Tubing

## Basic Valve for Panel Mounting

Type SV-3-PK-3x2

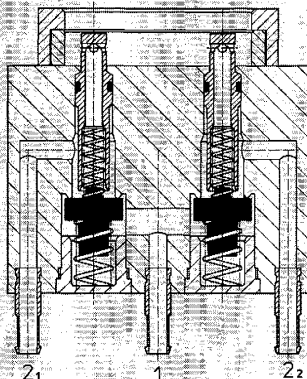


**Actuators:**  
(Order separately)

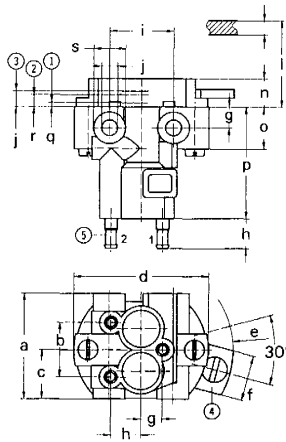
Toggle Actuator  
Type H-22-Sx2



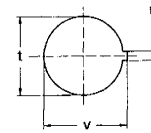
Selector Actuator  
Type NR-22-Sx2



Valve Body  
Type SV-3-PK-3x2

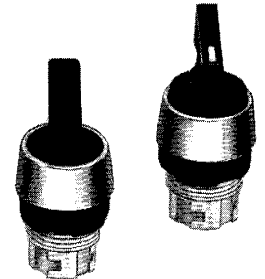
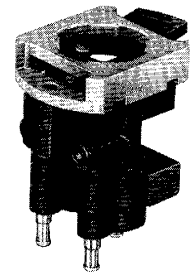


Mounting Hole



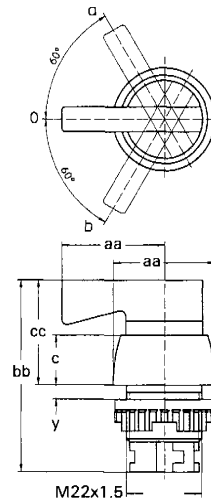
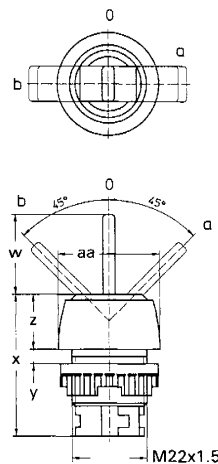
- ① Max. final position
- ② Start position
- ③ Neutral position
- ④ Quick connection for actuators
- ⑤ Barbed fitting for 3/16 in\*\* / 3 mm plastic tubing

- 1 (P) = Supply
- 2 (A) = Outlet
- 3 (R) = Exhaust



Actuators  
Type H-22-Sx2

Type NR-22-Sx2



### Dimensions

- a 1.18 in / 30 mm
- b 0.61 in / 15.4 mm
- c 0.55 in / 14 mm
- d 1.50 in / 38 mm
- e 1.02 in / 26 mm
- f 0.51 in / 13 mm
- g 0.24 in / 6 mm
- h 0.33 in / 8.5 mm
- i 0.71 in / 18 mm
- j 0.18 in / 4.5 mm
- k 0.96 in / 24.5 mm
- m
- n 0.31 in / 8 mm
- o 0.47 in / 12 mm
- p 1.25 in / 31.8 mm
- q 0.05 in / 1.2 mm
- r 0.13 in / 3.4 mm
- s 0.35 in / 9 mm
- t 0.88-0.89 in / 22.3-22.5 mm
- u 0.10-0.11 in / 2.6-2.7 mm
- v 0.925-0.933 in / 23.5-23.7 mm
- w 0.89 in / 22.5 mm
- x 1.57 in / 40 mm
- y 0.04-0.24 in / 1-6 mm
- z 0.61 in / 15.5 mm
- aa 1.14 in / 29 mm
- bb 2.13 in / 54 mm
- cc 1.16 in / 29.5 mm

O = Neutral position  
a = Actuation position for output a  
b = Actuation position for output b  
Actuator mounting can be changed to reverse outputs a and b.

| Order Number                              | 25835<br>SV-3-PK-3x2  | 25749<br>H-22-Sx2   | 25261<br>NR-22-Sx2  |
|---|---|---------------------|---------------------|
| Medium                                    | Compressed air (filtered, lubricated, or unlubricated)                |                     |                     |
| Mounting                                  | Front panel installation (7/8 in / 22.5 mm connection), or thru-holes |                     |                     |
| Connection                                | Barbed fittings for 3/16 in** / 3 mm plastic tubing                   |                     |                     |
| Orifice Size                              | 0.10 in / 2.5 mm  |                     |                     |
| C <sub>v</sub> Factor                     | 0.072 C <sub>v</sub> / 72 l/min                                       |                     |                     |
| Pressure Range                            | 0 to 120 psi / 0 to 8 bar   |                     |                     |
| Operating Force at 90 psi / 6 bar supply* | 5.17 lbf / 23 N   | 0.004 lbf / 20 Ncm  | 0.079 lbf / 35 Ncm  |
| Design                                    | Poppet valve, directly actuated, spring return                        |                     |                     |
| Material                                  | Housing: Plastic; Valve stem: Brass; Seals: Buna N                    |                     |                     |
| Weight                                    | 0.057 lb / 0.026 kg   | 0.042 lb / 0.019 kg | 0.049 lb / 0.022 kg |

\* 14 to 140° F / -10 to +60° C

\*\* Approximate equivalent.

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**Customer Resource Center**  
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For ordering assistance, or to find  
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**Fax:** 1.800.96.FESTO

**Email:** [product.support@us.festo.com](mailto:product.support@us.festo.com)

### Headquarters

Festo Corporation  
395 Moreland Road  
P.O. Box 18023  
Hauppauge, NY 11788  
[www.festo.com/us](http://www.festo.com/us)

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### Sales Offices

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**East:** 395 Moreland Road, Hauppauge, NY 11788



**Central:** 1441 East Business Center Drive, Mt. Prospect, IL 60056



**West:** 4935 Southfront Road, Suite F, Livermore, CA 94550

---

## Mexico

### Headquarters

Festo Pneumatic, S.A.  
Av. Ceylán 3, Col. Tequesquahuac  
54020 Tlalnepantla, Edo. de México  
Call: 011 52 [55] 53 21 66 00  
Fax: 011 52 [55] 53 21 66 65  
Email: [festo.mexico@mx.festo.com](mailto:festo.mexico@mx.festo.com)  
[www.festo.com/mx](http://www.festo.com/mx)



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## Canada

### Headquarters

Festo Inc.  
5300 Explorer Drive  
Mississauga, Ontario L4W 5G4  
Call: 1.905.624.9000  
Fax: 1.905.624.9001  
Email: [info.ca@ca.festo.com](mailto:info.ca@ca.festo.com)  
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