

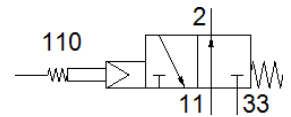
whisker valve

FVSO-3-1/8

Part number: 3877

FESTO

Mechanically actuated valve, normally open, with particularly low actuating force, suitable for sensing of dissimilar workpieces or workpieces not precisely in position, or for different actuation levels. Actuation direction at right angle to whisker axis.



Data sheet

Feature	Value
Valve function	3/2 open, monostable
Type of actuation	mechanical
Standard nominal flow rate	175 l/min
Operating pressure MPa	0.35 ... 0.8 MPa
Operating pressure	3.5 ... 8 bar
Design structure	Poppet seat
Type of reset	mechanical spring
Nominal size	3.5 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	non reversible
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [-:-:-]
Note on forced dynamisation	Switching frequency min. 1/year
Operating medium	Compressed air in accordance with ISO8573-1:2010 [-:-:-]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Medium temperature	-10 ... 60 °C
Ambient temperature	-10 ... 60 °C
Product weight	130 g
Mounting type	with through hole
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	G1/8
Pneumatic connection, port 3	G1/8
Materials note	Conforms to RoHS
Material seals	NBR
Material housing	Aluminium Anodised