

Shut off valve MS9-EE

Part number: 562177

FESTO



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Series	MS
Size	9
Width dimension	90 mm
Type code	MS9-EE
Structural design	Piston gate valve
Actuation type	Electrical
Sealing principle	Soft
Exhaust air function	Without flow control option
Manual override	Detenting Non-detenting
Reset method	Mechanical spring
Type of control	Pilot-controlled
Valve function	2/2, closed, monostable 3/2, closed, monostable
Pressure gauge	G1/4 prepared G1/8 prepared Red-green scale with pressure sensor with pressure gauge with switch indicator
Operating pressure	3.5 bar ... 16 bar
Standard nominal flow rate	8000 l/min ... 18000 l/min
Standard nominal flow rate 2-3	13200 l/min ... 14900 l/min
Duty cycle	100%
Coil characteristics	110 V AC: 50 Hz, initial power 11.5 VA, holding power 8.9 VA 110 V AC: 60 Hz, initial power 9.5 VA, holding power 6.2 VA 230 V AC: 50 Hz, initial power 11.5 VA, holding power 9.1 VA 230 V AC: 60 Hz, initial power 9.5 VA, holding power 6.4 VA
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Note on materials	RoHS-compliant
Temperature of medium	-10 °C ... 60 °C
Degree of protection	IP65
Ambient temperature	-10 °C ... 60 °C
Certification	c UL us - Recognized (OL)
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX)

Feature	Value
Explosion prevention and protection	Zone 2 (ATEX) Zone 22 (ATEX)
ATEX category gas	II 3G
ATEX category for dust	II 3D
Type of ignition protection for gas	Ex nA IIC T5 X Gc
Type of (ignition) protection for dust	Ex tc IIIC T85°C X Dc IP65
Explosive ambient temperature	-10°C ≤ Ta ≤ +50°C
Type of mounting	Optionally: Line installation With accessories
Mounting position	Any
Electrical connection	Form A Plug as per DIN EN 175301-803 Rectangular design
Piston slide material	POM
Seals material	NBR
Housing material	Die-cast aluminum