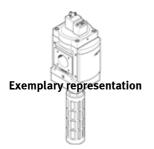
## start valve **MS9-EE** Part number: 562177

For manifold assembly, with G thread.



## **Data sheet**

Overall data sheet - Individual values depend upon your configuration.

Feature	Value
Series	MS
Size	9
Grid dimension	90 mm
Design structure	Piston slide
Type of actuation	electrical
Sealing principle	soft
Exhaust-air function	not throttleable
Manual override	detenting
	Pushing
Type of reset	mechanical spring
Type of piloting	Piloted
Valve function	2/2 closed, monostable
	3/2 closed, monostable
Pressure gauge	Prepared for G1/4
	Prepared for G1/8
	Red/green scale
	with pressure sensor
	with pressure gauge
	With operational status indicator
Working pressure	3.5 16 bar
Standard nominal flow rate	8,000 18,000 l/min
Standard nominal flow rate 2-3	13,200 14,900 l/min
Duty cycle	100 %
Characteristic coil data	110 V AC: 50 Hz, pick-up power 11.5 VA, holding power 8.9 VA
	110 V AC: 60 Hz, pick-up power 9.5 VA, holding power 6.2 VA
	230 V AC: 50 Hz, pick-up power 11.5 VA, holding power 9.1 VA
	230 V AC: 60 Hz, pick-up power 9.5 VA, holding power 6.4 VA
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Materials note	Conforms to RoHS
PWIS conformity	VDMA24364-B1/B2-L
Medium temperature	-10 60 °C
Protection class	IP65
Ambient temperature	-10 60 °C
Authorization	c UL us - Recognized (OL)
CE symbol (see declaration of conformity)	according to EU-Ex protection guideline (ATEX)
UKCA marking (see declaration of conformity)	To UK instructions for electrical equipment
	To UK EX instructions
Explosion protection certification outside the EU	EPL Db (GB)
	EPL Gb (GB)

## **FESTO**

## FESTO

Feature	Value	
ATEX category Gas	3G	
ATEX category Dust	II 3D	
Explosion ignition protection type Gas	Ex nA IIC T5 X Gc	
Explosion ignition protection type Dust	Ex tc IIIC T85°C X Dc IP65	
Explosion-proof ambient temperature	-10°C <= Ta <= +50°C	
Mounting type	Line installation	
	with accessories	
	Optional	
Assembly position	Any	
Electrical connection	Plug pattern type A to EN 175301-803	
	Plug	
	Per DIN EN 175301-803	
	Cubic design	
Material Piston slide	POM	
Material seals	NBR	
Material housing	Aluminum die cast	