

# start valve MS9-EM

Part number: 562178

FESTO

For manifold assembly, with G thread.



Exemplary representation

## 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	manual
Sealing principle	soft
Exhaust-air function	not throttleable
Actuator lock	Rotary knob with lock
Type of reset	Forced guidance
Type of piloting	direct
Valve function	2/2 bistable 3/2 bistable
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	0 ... 20 bar
Standard nominal flow rate	8,000 ... 18,000 l/min
Standard nominal flow rate 2-3	13,201 ... 14,900 l/min
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
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 EX instructions
Explosion protection certification outside the EU	EPL Db (GB) EPL Gb (GB)
ATEX category Gas	II 2G
ATEX category Dust	II 2D
Explosion ignition protection type Gas	Ex h IIC T6 Gb X
Explosion ignition protection type Dust	Ex h IIIC T60°C Db X
Explosion-proof ambient temperature	-10°C ≤ Ta ≤ +60°C
Mounting type	Line installation with accessories Optional
Assembly position	Any
Material Piston slide	POM
Material seals	NBR
Material housing	Aluminum die cast