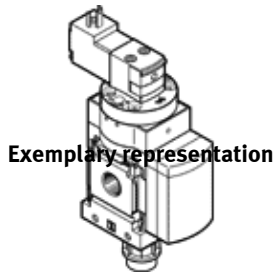


start valve MS6-EE

Part number: 527682

FESTO

For manifold assembly, with G thread.



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Design structure	Piston slide
Type of actuation	electrical
Exhaust-air function	not throttleable
Manual override	detenting None Pushing
Type of reset	mechanical spring
Type of piloting	Piloted
Valve function	3/2 closed, monostable
Pressure gauge	Prepared for G1/4 with pressure sensor with pressure gauge
Working pressure	4 ... 18 bar
Standard nominal flow rate	2,600 ... 7,000 l/min
Duty cycle	100 %
Characteristic coil data	110 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA 230 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA 24 V DC: 1.5 W 24 V DC: 2.5 W
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases
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)
KC mark	KC-EMV
CE symbol (see declaration of conformity)	according to EU-EMV guideline according to EU-Ex protection guideline (ATEX) according to EU low voltage guideline in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for electrical equipment To UK instructions for EMC To UK EX instructions To UK RoHS instructions
Explosion protection certification outside the EU	EPL Dc (GB) EPL Gc (GB)
ATEX category Gas	II 3G

Feature	Value
ATEX category Dust	II 3D
Explosion ignition protection type Gas	Ex nA IIC T4 X Gc
Explosion ignition protection type Dust	Ex tc IIIC T105°C IP65 Dc X
Explosion-proof ambient temperature	-10°C ≤ Ta ≤ +60°C
Food-safe	See Supplementary material information
Mounting type	Line installation with accessories Optional
Assembly position	Any
Flow direction	non reversible
Product weight	740 g
Pneumatic connection, port 3	G1/2
Pilot air supply	Internal
Material seals	NBR
Material housing	Aluminum die cast