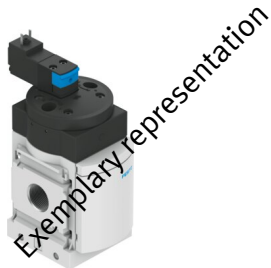


Soft-start valve MS6-DE

Part number: 527686

FESTO



General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Actuation type	Electrical
Mounting position	Any
Manual override	Detenting Non-detenting
Structural design	Piston seat
Reset method	Mechanical spring
Type of control	Pilot-controlled
Pilot air supply port	Internal
Flow direction	Non-reversible
Valve function	2/2
Pressure gauge	with pressure sensor
Switching position indication	with accessories
Operating pressure	4 bar ... 18 bar
Standard nominal flow rate	2600 l/min ... 6450 l/min
Duty cycle	100%
Certification	c UL - Recognized (OL) c UL us - Recognized (OL)
KC characters	KC EMC
CE marking (see declaration of conformity)	As per EU EMC directive as per EU explosion protection directive (ATEX) As per EU low voltage directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC acc. to UK EX instructions To UK RoHS instructions To UK instructions for electrical equipment
Explosion protection certification outside the EU	EPL Dc (GB) EPL Gc (GB)
Explosion prevention and protection	Zone 2 (ATEX) Zone 2 (UKEX) Zone 22 (ATEX) Zone 22 (UKEX)
ATEX category gas	II 3G
ATEX category for dust	II 3D
Type of ignition protection for gas	Ex nA IIC T4 X Gc
Type of (ignition) protection for dust	Ex tc IIIC T105°C IP65 Dc X
Explosive ambient temperature	-10°C ≤ Ta ≤ +60°C

Feature	Value
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
For use in the food industry	See supplementary material information
Temperature of medium	-10 °C ... 60 °C
Degree of protection	IP65
Ambient temperature	-10 °C ... 60 °C
Product weight	680 g
Electrical connection	Form C Plug as per DIN EN 175301-803 Rectangular design
Signal status display	With accessories
Type of mounting	With accessories
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum