

Soft-start valve MS6-DL

Part number: 527684

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Exhaust air function	With flow control option
Actuation type	Pneumatic
Mounting position	Any
Manual override	None
Structural design	Piston seat
Reset method	Mechanical spring
Type of control	Direct
Pilot air supply port	External
Flow direction	Non-reversible
Valve function	2/2
Pressure gauge	with pressure sensor
Operating pressure	4 bar ... 18 bar
Standard nominal flow rate	2600 l/min ... 6450 l/min
Certification	c UL us - Recognized (OL)
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX)
UKCA marking (see declaration of conformity)	acc. to UK EX instructions
Explosion protection certification outside the EU	EPL Db (GB) EPL Gb (GB)
Explosion prevention and protection	Zone 1 (ATEX) Zone 1 (UKEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (UKEX) Zone 22 (ATEX)
ATEX category gas	II 2G
ATEX category for dust	II 2D
Type of ignition protection for gas	Ex h IIC T6 Gb X
Type of (ignition) protection for dust	Ex h IIIC T60°C Db X
Explosive ambient temperature	-10°C ≤ Ta ≤ +60°C
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
Ambient temperature	-10 °C ... 60 °C

Feature	Value
Product weight	650 g
Type of mounting	With accessories
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum