


# 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
Type of actuation	Pneumatic
Mounting position	optional
Manual override	None
Design	Piston seat
Type of reset	Mechanical spring
Type of piloting	Direct
Pilot air supply	External
Flow direction	Non-reversible
Valve function	2/2
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	Via pressure sensor
Operating pressure	4 bar ... 18 bar
Standard nominal flow rate (standardised to DIN 1343)	2600 l/min ... 6450 l/min
Approval	c UL us - Recognized (OL)
CE mark (see declaration of conformity)	To EU Explosion Protection Directive (ATEX)
UKCA marking (see declaration of conformity)	To UK EX instructions
Explosion protection certification outside the EU	EPL Db (GB) EPL Gb (GB)
Explosion 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 dust	II 2D
Explosion ignition protection type for gas	Ex h IIC T6 Gb X
Explosion ignition protection type for dust	Ex h IIIC T60°C Db X
Explosion ambient temperature	-10 °C ≤ Ta ≤ +60 °C
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Suitable for use with food	See supplementary material information
Media temperature	-10 °C ... 60 °C

Feature	Value
Ambient temperature	-10 °C ... 60 °C
Product weight	650 g
Type of mounting	Either: In-line installation With accessories
Note on materials	RoHS-compliant
Material seals	NBR
Material housing	Die-cast aluminium