

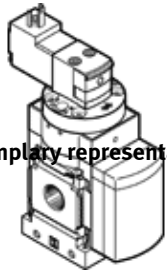
# Pressure build-up valve MS6-DE

Part number: 527686

FESTO

For manifold assembly, with G thread.

Exemplary representation



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Type of actuation	electrical
Assembly position	Any
Manual override	detenting Pushing
Design structure	Piston seat
Type of reset	mechanical spring
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	non reversible
Valve function	2/2
Pressure gauge	with pressure sensor
Switching position indicator	with accessories
Working pressure	4 ... 18 bar
Standard nominal flow rate	2,600 ... 6,450 l/min
Duty cycle	100 %
Authorization	c UL - Recognized (OL) 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
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
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
PWIS conformity	VDMA24364-B1/B2-L
Food-safe	See Supplementary material information
Medium temperature	-10 ... 60 °C
Protection class	IP65

<b>Feature</b>	<b>Value</b>
Ambient temperature	-10 ... 60 °C
Product weight	680 g
Electrical connection	Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design
Signal status display	with accessories
Mounting type	Line installation with accessories Optional
Materials note	Conforms to RoHS
Material seals	NBR
Material housing	Aluminum die cast