

Solenoid valve

NVF3-MOH-5/2-K-1/4

Part number: 196982

FESTO



Data sheet

Feature	Value
Valve function	5/2- or 3/2-way monostable
Type of actuation	Electric
Construction width	53 mm
Standard nominal flow rate (standardised to DIN 1343)	900 l/min
pneumatic working port	Sub-base
Operating voltage	Via solenoid coil, must be ordered separately
Operating pressure	0.2 MPa...1 MPa 2 bar...10 bar
Design	Poppet seat
Type of reset	Mechanical spring
Degree of protection	IP65 To IEC 60529
Nominal size	7 mm
Exhaust-air function	With flow control option
Sealing principle	Soft
Mounting position	optional
Conforms to standard	VDI/VDE 3845 (NAMUR)
Manual override	Detenting Non-detenting
Type of piloting	Pilot actuated
Flow direction	Non-reversible
lap	Underlap
b value	0.33
C value	4.2 l/sbar
Switching time off	38 ms
Switching time on	13 ms
Permissible frequency fluctuations	+/- 10%
Permissible voltage fluctuations	+/- 10 %
Explosion protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]

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Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	3 - high corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Media temperature	-10 °C...60 °C
Ambient temperature	-5 °C...50 °C
Product weight	280 g
Type of mounting	On sub-base
Breather connection	Internal
Pilot exhaust port 84	M5
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	NAMUR port pattern
Pneumatic connection, port 3	G1/4
Pneumatic connection, port 4	NAMUR port pattern
Pneumatic connection, port 5	G1/4
Material seals	NBR
Material housing	Die-cast aluminium Anodised