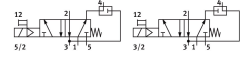


Air solenoid valve NVF3-MOH-5/2-K-1/4

Part number: 196982

FESTO



Data sheet

Feature	Value
Valve function	5/2- or 3/2-way, monostable
Actuation type	Electrical
Width	53 mm
Normal nominal flow rate (normalized to DIN 1343)	900 l/min
Pneumatic working port	Sub-base
Operating voltage	Via solenoid coil, to be ordered separately
Operating pressure	0.2 MPa...1 MPa 2 bar...10 bar
Structural design	Plate seat
Reset method	Mechanical spring
Degree of protection	IP65 As per IEC 60529
Nominal width	7 mm
Exhaust air function	Adjustable
Sealing principle	Soft
Mounting position	Any
Conforms to standard	VDI/VDE 3845 (NAMUR)
Manual override	Detenting Non-detenting
Type of control	Piloted
Flow direction	Non-reversible
Lap	Negative overlap
b-value	0.33
C value	4.2 l/sbar
Switching time off	38 ms
On switching time	13 ms
Permissible frequency fluctuations	+/- 10%
Permissible voltage fluctuations	+/- 10%
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]

Feature	Value
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	3 - High corrosion stress
LABS (PWIS) conformity	VDMA24364 Zone III
Temperature of medium	-10 °C...60 °C
Ambient temperature	-5 °C...50 °C
Product weight	280 g
Type of mounting	On sub-base
Venting hole connection	Internal
Pilot exhaust air port 84	M5
Pneumatic connection 1	G1/4
Pneumatic connection 2	NAMUR connection pattern
Pneumatic connection 3	G1/4
Pneumatic connection 4	NAMUR connection pattern
Pneumatic connection 5	G1/4
Seals material	NBR
Housing material	Die-cast aluminum Anodized