

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

Part number: 196982

FESTO



[PDF](#) General operating condition

## Data sheet

Feature	Value
Valve function	5/2 or 3/2, 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
Operating pressure	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	With flow control option
Sealing principle	Soft
Mounting position	Any
Conforms to standard	VDI/VDE 3845 (NAMUR)
Manual override	Detenting Non-detenting
Type of control	Pilot-controlled
Flow direction	Non-reversible
Symbol	00991831
Lap	Underlap
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]
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

<b>Feature</b>	<b>Value</b>
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 diagram
Pneumatic connection 3	G1/4
Pneumatic connection 4	NAMUR connection diagram
Pneumatic connection 5	G1/4
Seals material	NBR
Housing material	Anodized