

# solenoid valve

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

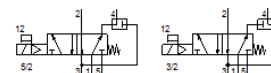
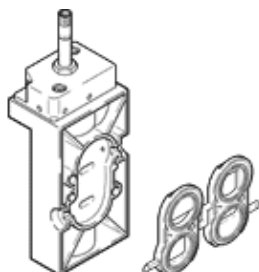
Part number: 535987

Classic - do not use for new projects

FESTO

With NAMUR port pattern to VDE/VDI 3845, without solenoid coil, without socket.

Modern alternatives can be found by entering the first four characters of the type code in the search field.



### Data sheet

Feature	Value
Valve function	5/2-way or 3/2-way, single solenoid
Type of actuation	electrical
Width	53 mm
Standard nominal flow rate	900 l/min
Operating pressure	2 ... 10 bar
Design structure	Poppet seat
Type of reset	mechanical spring
CE mark (see declaration of conformity)	to EU directive explosion protection (ATEX)
ATEX category Gas	II 2G
ATEX category Dust	II 2D
Explosion ignition protection type Gas	Ex h IIC T6 Gb
Explosion ignition protection type Dust	Ex h IIIC T70°C Db
Explosion-proof ambient temperature	-5 °C ≤ Ta ≤ +40 °C
Nominal size	7 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Conforms to standard	VDI/VDE 3845 (NAMUR)
Manual override	detenting Pushing
Type of piloting	Piloted
Flow direction	non reversible
Overlap	Underlap
b value	0.33
C value	4.2 l/sbar
Switching time off	100 ms
Switching time on	50 ms
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	1 - Low corrosion stress
Medium temperature	-5 ... 40 °C
Ambient temperature	-5 ... 40 °C
Product weight	280 g
Mounting type	on manifold rail
Scavenging orifice 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	Aluminium die cast