

solenoid valve

NVF3-MOH-5/2-K..+MSFG-24

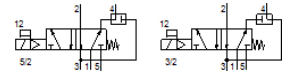
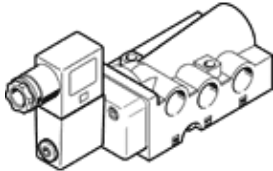
Part number: 552430

Classic - do not use for new projects

FESTO

With NAMUR port pattern to VDE/VDI 3845, with solenoid coil and plug 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 monostable
Type of actuation	electrical
Width	53 mm
Standard nominal flow rate	900 l/min
Operating pressure	2 ... 10 bar
Design structure	Piston slide
Type of reset	mechanical spring
Authorisation	c UL us - Recognized (OL)
Protection class	IP65 to IEC 60529
Nominal size	7 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Conforms to standard	VDI/VDE 3845 (NAMUR)
Manual override	detenting
Type of piloting	Piloted
Flow direction	non reversible
Pilot pressure	2 ... 10 bar
b value	0.33
C value	3 l/sbar
Switching time off	38 ms
Switching time on	13 ms
Characteristic coil data	42 V AC: 50/60 Hz, pick-up power 9 VA, holding power 7 VA
Permissible frequency fluctuation	+/- 10 %
Permissible voltage fluctuation	+/- 10 %
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:-:-]
Corrosion resistance classification CRC	3 - High corrosion stress
PWIS conformity	VDMA24364 zone III
Medium temperature	-10 ... 60 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:-:-]
Ambient temperature	-5 ... 40 °C
Product weight	335 g
Mounting type	On sub-base
Scavenging orifice connection	Internal
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Pneumatic connection, port 3	G1/4
Material seals	NBR
Material housing	Aluminium die cast