

# solenoid valve

## NVF3-MOH-5/2-K..+MSFW-230

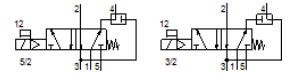
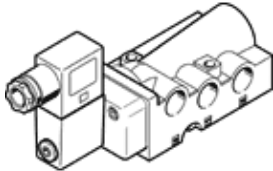
Part number: 552428

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	230 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