

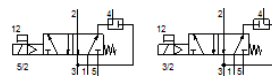
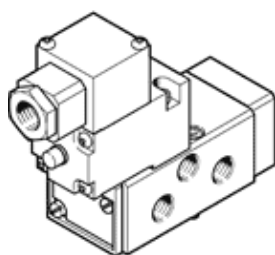
Solenoid valve

MGTBH-5/2K-FR-230AC-NA

Part number: 188401
Product to be discontinued

FESTO

With NAMUR port pattern per VDE/VDI 3845



Data sheet

Feature	Value
Valve function	5/2 monostable
Type of actuation	electrical
Width	35 mm
Standard nominal flow rate	400 l/min
Operating pressure	2 ... 8 bar
Design structure	Piston slide
Type of reset	mechanical spring
Protection class	IP65 to IEC 60529
Nominal size	8 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	reversible
Pilot pressure	2 ... 10 bar
b value	0.25
C value	1.1 l/sbar
Switching time off	90 ms
Switching time on	20 ms
Characteristic coil data	230 V AC: 50 Hz, pick-up power 5 VA, holding power 3.7 VA 230 V AC: 60 Hz, pick-up power 5 VA, holding power 3.7 VA
Permissible frequency fluctuation	+/- 10 %
Permissible voltage fluctuation	+/- 10 %
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:-:-]
CE mark (see declaration of conformity)	to EU directive low-voltage devices
Corrosion resistance classification CRC	3
Medium temperature	-20 ... 60 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-20 ... 60 °C
Electrical connection	Plug socket Screwed terminal M20x1,5
Scavenging orifice connection	Internal
Pneumatic connection, port 1	Sub-base
Pneumatic connection, port 2	Sub-base
Pneumatic connection, port 3	Sub-base
Materials information for seals	NBR