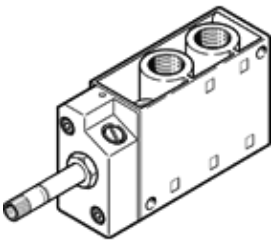
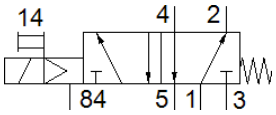
Solenoid valve
MFH-5-1/4

Part number: 6211

FESTO





Data sheet

Feature	Value
Valve function	5/2 monostable
Type of actuation	electrical
Valve size	30.5 mm
Width	30.5 mm
Standard nominal flow rate	1,000 l/min
Working pressure	2.2 ... 8 bar
Design structure	Poppet seat
Type of reset	mechanical spring
Protection class	IP65
Authorization	c UL us - Recognized (OL)
Nominal size	7 mm
Grid dimension	32 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	detenting
Type of piloting	Piloted
Flow direction	non reversible
Freedom from overlap	No
b value	0.19
C value	4.49 l/sbar
Switching time off	29 ms
Switching time on	9 ms
Max. positive test pulse with logic 0	2,200 µs
Max. negative test pulse with logic 1	3,700 µs
Characteristic coil data	See solenoid coil, to be ordered separately
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
Storage temperature	-20 ... 60 °C
Medium temperature	-10 ... 60 °C
Ambient temperature	-5 ... 40 °C
Product weight	290 g
Electrical connection	Via F coil, must be ordered separately
Mounting type	Optional on manifold rail with through hole
Pilot exhaust port 84	M5
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Pneumatic connection, port 3	G1/4
Pneumatic connection, port 4	G1/4
Pneumatic connection, port 5	G1/4
Materials note	Conforms to RoHS
Material seals	NBR
Material housing	Aluminum die cast