Solenoid valve
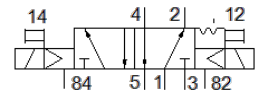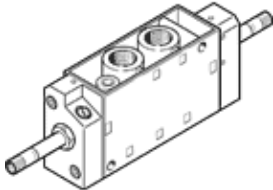## JMFH-5-1/4
Part number: 10410

With manual overrides, without solenoid coils or sockets. Solenoid coils and sockets should be ordered separately.

Data sheet

Feature	Value
Valve function	5/2 bistable
Type of actuation	electrical
Width	30.5 mm
Standard nominal flow rate	1,100 l/min
Operating pressure MPa	0.15 … 0.8 MPa
Working pressure	1.5 … 8 bar
Design structure	Poppet seat
Authorization	c UL us - Recognized (OL)
Protection class	IP65
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
Lap	Underlap
Max. switching frequency	25 Hz
Switching time reversal	11 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
PWIS conformity	VDMA24364-B1/B2-L
Storage temperature	-20 … 60 °C
Medium temperature	-10 … 60 °C
Ambient temperature	-5 … 40 °C
Product weight	344 g
Electrical connection	Via F coil, must be ordered separately
Mounting type	on manifold rail with through hole Optional
Pilot exhaust port 82	M5
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 TPE-U(PU)
Material housing	Aluminum die cast