Solenoid valve
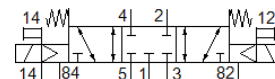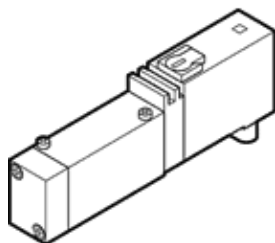## MT2H-5/3G-4,0-S-VI-B

Part number: 159448
Product to be discontinued

For valve terminal

Type to be discontinued. Available until 2017. See Support Portal for alternative products.

FESTO

Data sheet

Feature	Value
Valve function	5/3 closed
Type of actuation	electrical
Width	17.8 mm
Standard nominal flow rate	600 l/min
Operating pressure	-0.9 ... 10 bar
Design structure	Piston slide
Type of reset	mechanical spring
Protection class	IP65
Authorisation	c UL us - Recognized (OL)
Nominal size	5 mm
Grid dimension	18 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	with accessories, detenting
Type of piloting	Piloted
Pilot air supply	external
Flow direction	reversible
Freedom from overlap	Yes
Note on forced dynamisation	Switching frequency at least once a week
Pilot pressure	4 ... 6 bar
b value	0.5
C value	2.55 l/sbar
Switching time off	25 ms
Switching time on	12 ms
Duty cycle	100%
Characteristic coil data	24 V DC: 2.5 W
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)
Vibration resistance	Transport application test at severity level 1 in accordance with FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test SG2 to FN/EN
Corrosion resistance classification CRC	2
Storage temperature	-20 ... 40 °C
Medium temperature	-5 ... 50 °C
Sound pressure level	75 dB(A)
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-5 ... 50 °C
Product weight	150 g
Electrical connection	Plug Cubic design

Feature	Value
	to EN 175301-803
	Design C
Mounting type	On sub-base
Pilot exhaust port 82/84	Sub-base
Pilot air port 12	Sub-base
Pilot air port 14	Sub-base
Pneumatic connection, port 1	Sub-base
Pneumatic connection, port 2	Sub-base
Pneumatic connection, port 3	Sub-base
Pneumatic connection, port 4	Sub-base
Pneumatic connection, port 5	Sub-base
Materials note	Conforms to RoHS
Materials information for seals	NBR
	HNBR
Materials information, housing	Aluminium die cast