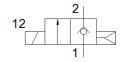
solenoid valve MHJ10-S-2,5-QS-6-HF Part number: 567503







Feature	Value
Valve function	2/2 closed, monostable
Type of actuation	electrical
Width	10 mm
Standard nominal flow rate	160 l/min
Operating pressure	0.5 6 bar
Design structure	Poppet valve without spring return
Type of reset	Air spring
Protection class	IP65
KC mark	KC-EMV
CE mark (see declaration of conformity)	to EU directive for EMC
Grid dimension	10.5 mm
Operating conditions to DIN VDE 0580	S3 50% 20 min. with individual valve
	S3 25% 20 min. with block mounting
Note on operation	Power supply unit must be able to supply at least 1.7 A without voltage
	drop
	Do not operate without flow
Sealing principle	Hard
Assembly position	Any
Manual override	None
Type of piloting	direct
Flow direction	non reversible
Polarity protected	for operating voltage
Additional functions	Spark arresting
	Reduction of holding current with energy recovery
	Safety shut-off
b value	0.36
C value	0.66 l/sbar
Maximum switching frequency	500 Hz
Switching time on at 4 bar and 24 V in new condition	1.2 ms
Switching time off at 4 bar and 24 V in new condition	0.6 ms
Switching time on at 0.5 bar and 24 V in new condition	1 ms
Switching time off at 0.5 bar and 24 V in new condition	0.8 ms
Switching time on at 6 bar and 24 V in new condition	1.3 ms
Switching time off at 6 bar and 24 V in new condition	0.6 ms
Tolerance for Switching time OFF	+15 %/-25 %
Tolerance for Switching time ON	+/-15 %
Operating voltage range DC	21.6 26.4 V
Input resistance	34 kOhm
Characteristic coil data	24 V DC: low-current phase 3.2 W, high-current phase 14.5 W
Trigger signal range DC	3 30 V
Note on feeder current	Linear rise
	0.09 - 0.44 mA with a trigger signal of 3 - 15 V
	0.44-15.44 mA with a trigger signal of 15-30 V
Permissible voltage fluctuation	+/- 10 %
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation not possible



Feature	Value	
Restriction ambient and medium temperature	related to switching frequency	
Corrosion resistance classification CRC	2 - Moderate corrosion stress	
Storage temperature	-20 50 °C	
Max. permissible solenoid surface temperature	120 °C	
Medium temperature	-5 60 °C	
Ambient temperature	-5 60 °C	
Product weight	85 g	
Electrical connection	3-core	
	Cable	
Cable length	2.5 m	
Mounting type	Line installation	
	with through hole	
	Optional	
Pneumatic connection, port 1	QS-6	
Pneumatic connection, port 2	QS-6	
Materials note	Conforms to RoHS	
Material seals	HNBR	
Material housing	PA-reinforced	
	PPS-reinforced	
Material cable sheath	PUR	
Material screws	Steel	