



MZBH-3-0,5-12DC

Solenoid valve

Feature	Data/description
Width	10 mm
Nominal size	0,5 mm
Type of actuation	electrical
Sealing principle	soft
Assembly position	Any
Manual override	with accessories, detenting
Design structure	Poppet seat
Type of reset	mechanical spring
Type of piloting	direct
Flow direction	non reversible
Valve function	3/2 monostable
Operating pressure	-0,9 - 8 bar
b value	0,43
C value	0,029 l/sbar
Standard nominal flow rate	7,5 l/min
Switching time off	3 ms
Switching time on	4 ms
Duty cycle	100%
Characteristic coil data	12V DC: 1W
Operating medium	Neutral gases Dried compressed air, lubricated or unlubricated
Corrosion resistance classification CRC	2
Medium temperature	-5 - 50 °C



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Feature	Data/description
Protection class	IP65
Ambient temperature	-5 - 50 °C
Product weight	24 g
Mounting type	On sub-base
Pneumatic connection, port 1	Flange
Pneumatic connection, port 2	Flange
Pneumatic connection, port 3	Flange
Materials information for sub-base	POM
Materials information for seals	NBR
Materials information, housing	POM