

MGXDH-5/2K-FR-NA

Solenoid valve

Data sheet

Part no.: 183979

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Feature	Data/description
Switching function	5/2-way valve
EU conformity (CE)	CE
Note on EU conformity	EEX
Switching function short code	5/2
Direction of flow reversible	No
Operating principle	Slide
Shape of function component	Piston
With exhaust flow control	Yes
Type of regulation	Indirect
Control type	Monostable
Type of reset	Mechanical spring
Type of mounting	Screw
Nominal size	8 mm
Operating pressure min.	2 bar
Operating pressure max.	8 bar
Minimum ambient temperature	-10 °C
Maximum ambient temperature	50 °C
Minimum medium temperature	-10 °C
Maximum medium temperature	50 °C
Type of connection, air supply	Thread
Connecting thread, supply port	G 1/4
Air connection type power port	Sub-base
Type of connection, exhaust	Thread
Connecting thread, exhaust port	G 1/4
Air connection type aux. pilot air suppl	Internal
Standard sub-base connection pattern	NAMUR
Standard pilot connection pattern	NF66
Actuation/reset	Single solenoid, spring return
Manual override	Non-detenting (can be rotated to detent)
Operating status display	No
Material of housing	Aluminium

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Material of seals	NBR-Elastomer
Standard nominal flow rate 1 - 2	1000 l/min
Standard nominal flow rate 2 - 3	1100 l/min
Standard nominal flow rate 1 - 4	1000 l/min
Standard nominal flow rate 4 - 3/5	1100 l/min
Response time OFF/OVER (dom.)	30 ms
Response time OFF/OVER	50 ms
Voltage type	DC
Nominal voltage	24 V
Power consumption (DC)	2,5 W
Duty cycle, solenoid	100 %
Medium	Compressed air, filtered 40 µm (may be lubricated)
Degree of protection	IP65