

MEBH-5/2-D-3-S-C

Solenoid valve

Data sheet

Part no.: 183579

Page:1

Feature	Data/description
Switching function	5/2-way valve
Switching function short code	5/2
Direction of flow reversible	Yes
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
Type of multiple configuration	Module
Installation position	Any
Nominal size	14,5 mm
Operating pressure min.	-0,9 bar
Operating pressure max.	16 bar
Minimum ambient temperature	-5 °C
Maximum ambient temperature	50 °C
Minimum medium temperature	-5 °C
Maximum medium temperature	50 °C
Min. pilot pressure	2 bar
Pilot pressure max.	10 bar
Type of connection, air supply	Sub-base
Air connection type power port	Sub-base
Type of connection, exhaust	Sub-base
Air connection type aux. pilot air suppl	Internal
Air connection type aux. pilot air exhau	Sub-base
Type pilot control air Supply and exhaus	Internal pilot air, pilot exhaust not ducted
Nominal size sub-base connection	Size 3 in accordance with ISO 5599-1
Standard sub-base connection pattern	ISO 5599-1
Standard plug pattern	DIN 43650-1 plug socket
Plug design	A

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Page:2

Feature	Data/description
Actuation/reset	Single solenoid, air spring return
Manual override	Non-detenting
Operating status display	No
Material of seals	NBR-Elastomer
CT criterion	Free of copper and PTFE
Standard nominal flow rate 1 - 2	4500 l/min
Standard nominal flow rate 2 - 3	4500 l/min
Standard nominal flow rate 1 - 4	4500 l/min
Standard nominal flow rate 4 - 3/5	4500 l/min
Response time OFF/OVER (dom.)	49 ms
Response time OFF/OVER	71 ms
Voltage type	DC
Nominal voltage	24 V
Power consumption (DC)	2,5 W
Duty cycle, solenoid	100 %
Medium	Compressed air, filtered 50 µm or vacuum
Degree of protection	IP65