

NVF3-MOH-5/2-K-1/4-IA

Solenoid valve

Data sheet

Part no.: 197571

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Feature	Data/description
Switching function	5/2-way valve
Switching function short code	5/2
Direction of flow reversible	No
Operating principle	Disc seat
Shape of function component	Poppet valve
With exhaust flow control	Yes
Type of regulation	Indirect
Control type	Monostable
Type of reset	Mechanical spring
Type of mounting	Screw
Installation position	Any
Nominal size	7 mm
Operating pressure min.	2 bar
Operating pressure max.	10 bar
Minimum ambient temperature	-10 °C
Maximum ambient temperature	40 °C
Minimum medium temperature	-10 °C
Maximum medium temperature	40 °C
Type of connection, air supply	Female thread
Connecting thread, supply port	G 1/4
Air connection type power port	Sub-base
Type of connection, exhaust	Female thread
Connecting thread, exhaust port	G 1/4
Air connection type aux. pilot air suppl	Internal
Air connection type aux. pilot air exhau	Female thread
Connecting thread for aux. pilot air exh	M 5
Type pilot control air Supply and exhaus	Internal pilot air, ducted pilot exhaust
Standard sub-base connection pattern	NAMUR
Actuation/reset	Single solenoid, spring return
Manual override	Detenting manual override
Operating status display	No

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Feature	Data/description
Material of housing	AL, die-cast metal
Contains silicone materials	Yes
Product weight	0,26 kg
Coating of housing	Anodised
Standard nominal flow rate 1 - 2	900 l/min
Standard nominal flow rate 2 - 3	900 l/min
Standard nominal flow rate 1 - 4	900 l/min
Standard nominal flow rate 4 - 3/5	900 l/min
Response time OFF/OVER (dom.)	50 ms
Response time OFF/OVER	100 ms
Voltage type	DC
Nominal voltage	24 V
Power consumption (DC)	0,8 W
Medium	Compressed air, filtered 40 µm (may be lubricated)