

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

Solenoid valve

Data sheet

Part no.: 197571

Page:1

| 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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| 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) |