

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

Solenoid valve

Data sheet

Part no.: 165634

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| Feature | Data/description |
|--|--|
| Switching function | 5/3-way valve, closed in mid-position |
| Switching function short code | 5/3 |
| Function in mid-position (neutral) | Closed |
| Direction of flow reversible | Yes |
| Operating principle | Slide |
| Shape of function component | Piston |
| Type of regulation | Indirect |
| Control type | Bistable |
| Type of reset | Mechanical spring |
| External auxiliary pilot air | Yes |
| Type of mounting | Screw |
| 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 | 3 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 | Sub-base |
| Air connection type aux. pilot air exhau | Thread |
| Connecting thread for aux. pilot air exh | M 5 |
| 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 |
| Actuation/reset | Double solenoid, spring-centred |

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|------------------------------------|--|
| Manual override | Non-detenting |
| Operating status display | No |
| CT criterion | Free of copper and PTFE |
| Standard nominal flow rate 1 - 2 | 4100 l/min |
| Standard nominal flow rate 2 - 3 | 3600 l/min |
| Standard nominal flow rate 1 - 4 | 4100 l/min |
| Standard nominal flow rate 4 - 3/5 | 3600 l/min |
| Response time OFF/OVER (dom.) | 38 ms |
| Response time OFF/OVER | 130 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 |
| Pilot medium | Compressed air, filtered 5 µm (may be lubricated) |
| Degree of protection | IP65 |