

MT2H-5/3E-5,0-S-VI-B

Solenoid valve

Data sheet

Part no.: 173399

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| Feature | Data/description |
|---|---|
| Switching function | 5/3-way valve, exhausted in mid-position |
| Switching function short code | 5/3 |
| Function in mid-position (neutral) | Exhausted |
| Direction of flow reversible | Yes |
| Operating principle | Slide |
| Shape of function component | Piston |
| With exhaust flow control | Yes |
| Type of regulation | Indirect |
| Control type | Bistable |
| Type of reset | Mechanical spring |
| External auxiliary pilot air | Yes |
| Type of mounting | Screw |
| Installation position | Any |
| Nominal size | 5 mm |
| Operating pressure min. | -0,9 bar |
| Operating pressure max. | 10 bar |
| Minimum ambient temperature | -5 °C |
| Maximum ambient temperature | 50 °C |
| Minimum medium temperature | -5 °C |
| Maximum medium temperature | 50 °C |
| Min. pilot pressure | 4 bar |
| Pilot pressure max. | 6 bar |
| Type of connection, air supply | Thread/plate |
| Connecting thread, supply port | G 1/8 |
| Air connection type power port | Thread |
| Connecting thread, working port | G 1/8 |
| Type of connection, exhaust | Thread/plate |
| Connecting thread, exhaust port | G 1/8 |
| Air connection type aux. pilot air suppl | Sub-base |
| Air connection type aux. pilot air exhau | Sub-base |
| Type pilot control air Supply and exhaust | Internal pilot air, ducted pilot exhaust |

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| Feature | Data/description |
|------------------------------------|---|
| Actuation/reset | Double solenoid, spring-centred |
| Manual override | Non-detenting (can be rotated to detent) |
| Operating status display | No |
| Material of housing | AL, die-cast metal |
| Material of seals | NBR-Elastomer |
| Standard nominal flow rate 1 - 2 | 400 l/min |
| Standard nominal flow rate 2 - 3 | 750 l/min |
| Standard nominal flow rate 1 - 4 | 400 l/min |
| Standard nominal flow rate 4 - 3/5 | 750 l/min |
| Response time OFF/OVER (dom.) | 12 ms |
| Response time OFF/OVER | 25 ms |
| Voltage type | DC |
| Nominal voltage | 24 V |
| Power consumption (DC) | 1,5 W |
| Duty cycle, solenoid | 100 % |
| Medium | Compressed air, filtered 40 µm (may be lubricated) |
| Degree of protection | IP65 |