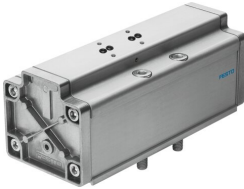


Solenoid valve MDH-5/3G-3/4-D-4

Part number: 14546

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|---|--|
| Valve function | 5/3-way, closed |
| Type of actuation | Electrical |
| Construction width | 76 mm |
| Standard nominal flow rate (standardised to DIN 1343) | 4800 l/min |
| pneumatic working port | Sub-base size 4 to ISO 5599-1 G3/4 |
| Operating voltage | Via solenoid coil, must be ordered separately |
| Operating pressure | 3 bar ... 16 bar |
| Design | Piston gate valve |
| Type of reset | Mechanical spring |
| Degree of protection | IP65 |
| Nominal size | 18 mm |
| Grid dimension | 82 mm |
| Exhaust-air function | Can be throttled |
| Sealing principle | Soft |
| Mounting position | Any |
| Conforms to standard | ISO 5599-1 |
| Manual override | Non-detenting |
| ISO code | 456 |
| Type of piloting | Piloted |
| Pilot air supply | Internal |
| Flow direction | Non-reversible |
| Symbol | 00991080 |
| lap | Overlap |
| Switching time off | 290 ms |
| Switching time on | 85 ms |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Media temperature | -10 °C ... 60 °C |
| Sound pressure level | 85 dB(A) |
| Ambient temperature | -10 °C ... 50 °C |
| Product weight | 2600 g |
| Type of mounting | On sub-base Via through-hole and screw |

| Feature | Value |
|------------------------------|-------------------------------|
| Pilot exhaust port 82 | M5 |
| Pilot exhaust port 84 | M5 |
| Pneumatic connection, port 1 | Sub-base size 4 to ISO 5599-1 |
| Pneumatic connection, port 2 | Sub-base size 4 to ISO 5599-1 |
| Pneumatic connection, port 3 | Sub-base size 4 to ISO 5599-1 |
| Pneumatic connection, port 4 | Sub-base size 4 to ISO 5599-1 |
| Pneumatic connection, port 5 | Sub-base size 4 to ISO 5599-1 |
| Note on materials | RoHS compliant |
| Material seals | NBR |
| Material housing | Aluminium |