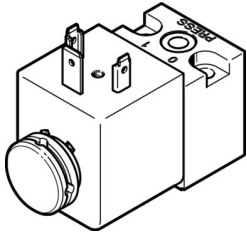


Pilot valve MDH-3/2-110VAC

Part number: 119601

FESTO



[General operating condition](#)

Data sheet

| Feature | Value |
|---|--|
| Valve function | 3/2, closed, monostable |
| Actuation type | Electrical |
| Width | 30 mm |
| Normal nominal flow rate (normalized to DIN 1343) | 50 l/min |
| Pneumatic working port | Sub-base, size 30 mm as per ISO 15218 |
| Operating voltage | 110V AC |
| Operating pressure | 0.1 MPa ... 1.6 MPa |
| Operating pressure | 1 bar ... 16 bar |
| Operating pressure | 14.5 psi ... 232 psi |
| Structural design | Plate seat |
| Reset method | Mechanical spring |
| CE marking (see declaration of conformity) | As per EU low voltage directive |
| UKCA marking (see declaration of conformity) | To UK instructions for electrical equipment |
| Degree of protection | IP65 |
| Nominal width | 1.3 mm |
| Width dimension | 42 mm |
| Exhaust air function | Without flow control option |
| Based on norm | ISO 15218 |
| Sealing principle | Soft |
| Mounting position | Any |
| Conforms to standard | ISO 15218 |
| Manual override | Non-detenting |
| Type of control | Direct |
| Flow direction | Non-reversible |
| Symbol | 00991308 |
| Lap | Underlap |
| Switching time off | 9 ms |
| On switching time | 11 ms |
| Duty cycle | 100% |
| Coil characteristics | 110 V AC: 60 Hz, initial power 12.0 VA, holding power 7.6 VA |
| Permissible frequency fluctuations | +/- 10% |
| Permissible voltage fluctuations | +/- 10 % |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |

| Feature | Value |
|------------------------|----------------------------------|
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Temperature of medium | -15 °C ... 80 °C |
| Ambient temperature | -15 °C ... 50 °C |
| Product weight | 140 g |
| Electrical connection | as per DIN EN 175301-803 |
| Type of mounting | On sub-base With through-hole |
| Pneumatic connection 1 | Sub-base |
| Pneumatic connection 2 | Sub-base |
| Pneumatic connection 3 | Not ducted |
| Note on materials | RoHS-compliant |
| Seals material | FPM |