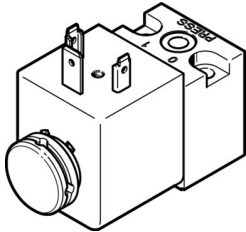


**Pilot valve**  
**MDH-3/2-24DC**  
Part number: 119600

**FESTO**



 [General operating condition](#)

## Data sheet

| Feature                                  | Value                                                                                                                                        |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Valve function                           | 3/2, closed, monostable                                                                                                                      |
| Actuation type                           | Electrical                                                                                                                                   |
| Width                                    | 30 mm                                                                                                                                        |
| Standard nominal flow rate               | 50 l/min                                                                                                                                     |
| Pneumatic working port                   | Sub-base, size 30 mm as per ISO 15218                                                                                                        |
| Operating voltage                        | 24V DC<br>48V 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                                                                                                                            |
| 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                     | 24 V DC: 6.8 W<br>48 V AC: 50 Hz, initial power 14.5 VA, holding power 9.9 VA<br>53 V AC: 60 Hz, initial power 15.0 VA, holding power 9.3 VA |
| 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                                                                                                                |
| LABS (PWIS) conformity                   | VDMA24364-B2-L                                                                                                                               |

| Feature                | Value                              |
|------------------------|------------------------------------|
| Temperature of medium  | -15 °C ... 80 °C                   |
| Ambient temperature    | -15 °C ... 50 °C                   |
| Product weight         | 140 g                              |
| Electrical connection  | Form A<br>as per DIN EN 175301-803 |
| Type of mounting       | 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                                |