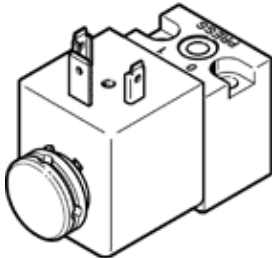


# pilot valve MDH-3/2-230VAC

Part number: 119602

FESTO

Directly actuated, with solenoid coil and manual override, without plug socket.



## Data sheet

| Feature                                 | Value  |
|---|--|
| Valve function                          | 3/2 closed, monostable   |
| Type of actuation                       | electrical   |
| Width                                   | 30 mm  |
| Standard nominal flow rate              | 50 l/min   |
| Operating pressure                      | 1 ... 16 bar   |
| Design structure                        | Poppet seat  |
| Type of reset                           | mechanical spring  |
| CE mark (see declaration of conformity) | to EU directive low-voltage devices  |
| Protection class                        | IP65   |
| Nominal size                            | 1.3 mm   |
| Grid dimension                          | 42 mm  |
| Exhaust-air function                    | not throttleable   |
| Based on the standard                   | ISO 15218  |
| Sealing principle                       | soft   |
| Assembly position                       | Any  |
| Conforms to standard                    | ISO 15218  |
| Manual override                         | Pushing  |
| Type of piloting                        | direct   |
| Flow direction                          | non reversible   |
| Overlap                                 | Underlap   |
| Switching time off                      | 9 ms   |
| Switching time on                       | 11 ms  |
| Duty cycle                              | 100 %  |
| Characteristic coil data                | 110 V DC: 6.3 W<br>230 V AC: 50 Hz, pick-up power 14.5 VA, holding power 10.5 VA<br>230 V AC: 60 Hz, pick-up power 12.0 VA, holding power 7.6 VA |
| Permissible frequency fluctuation       | +/- 10 %   |
| Permissible voltage fluctuation         | +/- 10 %   |
| Operating medium                        | Compressed air in accordance with ISO8573-1:2010 [7:4:4]   |
| Note on operating and pilot medium      | Lubricated operation possible (subsequently required for further operation)  |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress  |
| Medium temperature                      | -15 ... 80 °C  |
| Ambient temperature                     | -15 ... 50 °C  |
| Product weight                          | 140 g  |
| Electrical connection                   | Per DIN EN 175301-803<br>Plug pattern type A to EN 175301-803  |
| Mounting type                           | On sub-base<br>with through hole   |
| Pneumatic connection, port 1            | Sub-base   |
| Pneumatic connection, port 2            | Sub-base   |
| Pneumatic connection, port 3            | Non-ducted   |
| Materials note                          | Conforms to RoHS   |
| Material seals                          | FPM  |