

# Solenoid valve

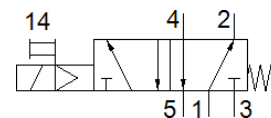
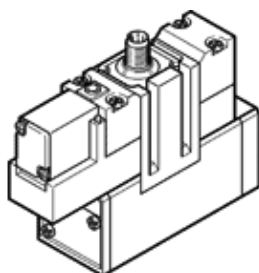
## MEBH-5/2-D-2-ZSR-FR-C

Part number: 184501

Product to be discontinued

With central plug connector

FESTO



## Data sheet

| Feature                            | Value  |
|------------------------------------|--|
| Valve function                     | 5/2 monostable   |
| Type of actuation                  | electrical   |
| Width                              | 54 mm  |
| Standard nominal flow rate         | 2,300 l/min  |
| Working pressure                   | 3 ... 10 bar   |
| Design structure                   | Piston slide   |
| Type of reset                      | mechanical spring  |
| Protection class                   | IP65   |
| Nominal size                       | 11.5 mm  |
| Grid dimension                     | 56 mm  |
| Exhaust-air function               | throttleable   |
| Sealing principle                  | soft   |
| Assembly position                  | Any  |
| Conforms to standard               | ISO 5599-1   |
| Manual override                    | Pushing  |
| ISO code                           | 252  |
| Type of piloting                   | Piloted  |
| Pilot air supply                   | Internal   |
| Flow direction                     | non reversible   |
| Freedom from overlap               | Yes  |
| Note on forced dynamisation        | Switching frequency at least once a week   |
| Operating status display           | LCD, yellow  |
| Switching time off                 | 103 ms   |
| Switching time on                  | 33 ms  |
| Duty cycle                         | 100%   |
| Characteristic coil data           | 24 V DC: 2.5 W   |
| 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)                    |
| Vibration resistance               | Transport application test at severity level 1 in accordance with FN 942017-4 and EN 60068-2-6 |
| Shock resistance                   | Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27              |
| Medium temperature                 | -5 ... 50 °C   |
| Sound pressure level               | 85 dB(A)   |
| Pilot medium                       | Compressed air in accordance with ISO8573-1:2010 [7:4:4]                                       |
| Ambient temperature                | -5 ... 50 °C   |
| Product weight                     | 700 g  |
| Electrical connection              | Central plug<br>Round design<br>M12x1  |
| Mounting type                      | On subbase<br>With through-hole and screw  |

| Feature                         | Value             |
|---------------------------------|-------------------|
| Pilot exhaust port 82           | Non-ducted        |
| Pilot exhaust port 84           | Non-ducted        |
| Materials note                  | Conforms to RoHS  |
| Materials information for seals | HNBR<br>NBR       |
| Materials information, housing  | Aluminum die cast |