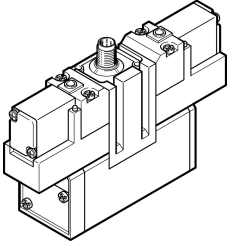


# Solenoid valve JMEBDH-5/2-D-3-ZSR-C

Part number: 184510

FESTO



## Data sheet

| Feature                            | Value  |
|------------------------------------|--|
| Valve function                     | 5/2-way, bistable, dominant  |
| Type of actuation                  | Electric   |
| Construction width                 | 65 mm  |
| Standard nominal flow rate         | 4500 l/min   |
| pneumatic working port             | Sub-base size 3 to ISO 5599-1<br>G1/2  |
| Operating voltage                  | 24V DC   |
| Operating pressure                 | 0.2 MPa...1 MPa<br>2 bar...10 bar  |
| Design                             | Piston gate valve  |
| Degree of protection               | IP65   |
| Nominal size                       | 14.5 mm  |
| Grid dimension                     | 71 mm  |
| Exhaust-air function               | With flow control option   |
| Sealing principle                  | Soft   |
| Mounting position                  | optional   |
| Conforms to standard               | ISO 5599-1   |
| Manual override                    | Non-detenting  |
| ISO code                           | 355  |
| Type of piloting                   | Pilot actuated   |
| Pilot air supply                   | Internal   |
| Flow direction                     | Non-reversible   |
| Switching time reversal            | 20 ms  |
| Characteristic coil data           | 24 V DC: 2.5 W   |
| 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) |
| Corrosion resistance class CRC     | 2 - Moderate corrosion stress  |
| LABS (PWIS) conformity             | VDMA24364-B1/B2-L  |
| Media temperature                  | -10 °C...50 °C   |
| Ambient temperature                | -10 °C...50 °C   |
| Product weight                     | 1080 g   |

| <b>Feature</b>               | <b>Value</b>                          |
|------------------------------|---------------------------------------|
| Electrical connection        | M12x1<br>Central plug<br>Round design |
| Type of mounting             | With through-hole                     |
| Pilot exhaust port 82        | Not ducted                            |
| Pilot exhaust port 84        | Not ducted                            |
| Pneumatic connection, port 1 | Sub-base size 3 to ISO 5599-1         |
| Pneumatic connection, port 2 | Sub-base size 3 to ISO 5599-1         |
| Pneumatic connection, port 3 | Sub-base size 3 to ISO 5599-1         |
| Pneumatic connection, port 4 | Sub-base size 3 to ISO 5599-1         |
| Pneumatic connection, port 5 | Sub-base size 3 to ISO 5599-1         |
| Material seals               | NBR                                   |
| Material housing             | Die-cast aluminium                    |