

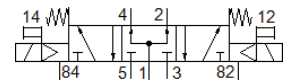
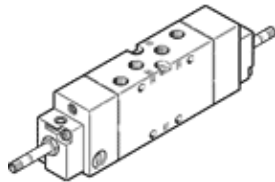
# solenoid valve

## MFH-5/3B-1/8-B

Part number: 30485

FESTO

With manual override, without solenoid coil or socket. Solenoid coil and socket should be ordered separately.



## Data sheet

| Feature                                 | values  |
|---|---|
| Valve function                          | 5/3 pressurised   |
| Type of actuation                       | electrical  |
| Width                                   | 26 mm   |
| Standard nominal flow rate              | 1,000 l/min   |
| Operating pressure                      | 3 ... 10 bar  |
| Design structure                        | Piston slide  |
| Type of reset                           | mechanical spring   |
| Nominal size                            | 8 mm  |
| Sealing principle                       | soft  |
| Assembly position                       | Any   |
| Manual override                         | Pushing   |
| 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                                    |
| Max. switching frequency                | 3 Hz  |
| Switching time off                      | 30 ms   |
| Switching time on                       | 25 ms   |
| Max. positive test pulse with logic 0   | 2,200 µs  |
| Max. negative test pulse with logic 1   | 3,700 µs  |
| 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 | 1 - Low corrosion stress  |
| Storage temperature                     | -40 ... 60 °C   |
| Medium temperature                      | -10 ... 60 °C   |
| Ambient temperature                     | -5 ... 40 °C  |
| Product weight                          | 400 g   |
| Electrical connection                   | Via F coil, must be ordered separately                                      |
| Mounting type                           | Optional<br>On PR manifold<br>with through hole                             |
| Pilot exhaust port 82                   | M5  |
| Pilot exhaust port 84                   | M5  |
| Pneumatic connection, port 1            | G1/8  |
| Pneumatic connection, port 2            | G1/8  |
| Pneumatic connection, port 3            | G1/8  |
| Pneumatic connection, port 4            | G1/8  |
| Pneumatic connection, port 5            | G1/8  |
| Materials note                          | Conforms to RoHS  |
| Materials information for seals         | NBR   |
| Materials information, housing          | Aluminium die cast  |