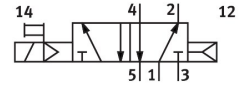
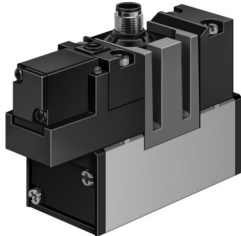


# Air solenoid valve

## MEBH-5/2-D-3-ZSR-C

Part number: 184507

FESTO



## Data sheet

| Feature                                           | Value                                                              |
|---------------------------------------------------|--------------------------------------------------------------------|
| Valve function                                    | 5/2-way, monostable                                                |
| Actuation type                                    | Electrical                                                         |
| Width                                             | 65 mm                                                              |
| Normal nominal flow rate (normalized to DIN 1343) | 4500 l/min                                                         |
| Pneumatic working port                            | Sub-base, size 3 as per ISO 5599-1<br>G1/2                         |
| Operating voltage                                 | 24V DC                                                             |
| Operating pressure                                | 0.2 MPa...1 MPa<br>2 bar...10 bar                                  |
| Structural design                                 | Piston gate valve                                                  |
| Reset method                                      | Pneumatic spring                                                   |
| Degree of protection                              | IP65                                                               |
| Nominal width                                     | 14.5 mm                                                            |
| Width dimension                                   | 71 mm                                                              |
| Exhaust air function                              | Adjustable                                                         |
| Sealing principle                                 | Soft                                                               |
| Mounting position                                 | Any                                                                |
| Conforms to standard                              | ISO 5599-1                                                         |
| Manual override                                   | Non-detenting                                                      |
| ISO code                                          | 351                                                                |
| Type of control                                   | Piloted                                                            |
| Pilot air supply port                             | Internal                                                           |
| Flow direction                                    | Non-reversible                                                     |
| Switching time off                                | 87 ms                                                              |
| On switching time                                 | 59 ms                                                              |
| Coil characteristics                              | 24 V DC: 2.5 W                                                     |
| 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-B1/B2-L                                                  |
| Temperature of medium                             | -10 °C...50 °C                                                     |
| Ambient temperature                               | -10 °C...50 °C                                                     |

| Feature                   | Value                                 |
|---------------------------|---------------------------------------|
| Product weight            | 1000 g                                |
| Electrical connection     | M12x1<br>Central plug<br>Round design |
| Type of mounting          | With through-hole                     |
| Pilot exhaust air port 84 | Not ducted                            |
| Pneumatic connection 1    | Sub-base, size 3 as per ISO 5599-1    |
| Pneumatic connection 2    | Sub-base, size 3 as per ISO 5599-1    |
| Pneumatic connection 3    | Sub-base, size 3 as per ISO 5599-1    |
| Pneumatic connection 4    | Sub-base, size 3 as per ISO 5599-1    |
| Pneumatic connection 5    | Sub-base, size 3 as per ISO 5599-1    |
| Seals material            | NBR                                   |
| Housing material          | Die-cast aluminum                     |