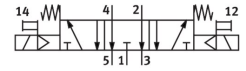
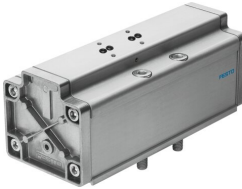


# Air solenoid valve MDH-5/3E-3/4-D-4

Part number: 14547

**FESTO**



 [General operating condition](#)

## Data sheet

| Feature                                  | Value                                                              |
|------------------------------------------|--------------------------------------------------------------------|
| Valve function                           | 5/3, exhausted                                                     |
| Actuation type                           | Electrical                                                         |
| Width                                    | 76 mm                                                              |
| Standard nominal flow rate               | 4800 l/min                                                         |
| Pneumatic working port                   | Sub-base, size 4 as per ISO 5599-1<br>G3/4                         |
| Operating voltage                        | Via solenoid coil, to be ordered separately                        |
| Operating pressure                       | 3 bar ... 16 bar                                                   |
| Structural design                        | Piston gate valve                                                  |
| Reset method                             | Mechanical spring                                                  |
| Degree of protection                     | IP65                                                               |
| Nominal width                            | 18 mm                                                              |
| Width dimension                          | 82 mm                                                              |
| Exhaust air function                     | With flow control option                                           |
| Sealing principle                        | Soft                                                               |
| Mounting position                        | Any                                                                |
| Conforms to standard                     | ISO 5599-1                                                         |
| Manual override                          | Non-detenting                                                      |
| ISO code                                 | 457                                                                |
| Type of control                          | Pilot-controlled                                                   |
| Pilot air supply port                    | Internal                                                           |
| Flow direction                           | Non-reversible                                                     |
| Symbol                                   | 00991082                                                           |
| Lap                                      | Overlap                                                            |
| Switching time off                       | 290 ms                                                             |
| On switching time                        | 85 ms                                                              |
| 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) |
| LABS (PWIS) conformity                   | VDMA24364-B1/B2-L                                                  |
| Temperature of medium                    | -10 °C ... 60 °C                                                   |
| Noise level                              | 85 dB(A)                                                           |
| Ambient temperature                      | -10 °C ... 50 °C                                                   |
| Product weight                           | 2600 g                                                             |
| Type of mounting                         | With through-hole and screw                                        |
| Pilot exhaust air port 82                | M5                                                                 |
| Pilot exhaust air port 84                | M5                                                                 |

| Feature                | Value                              |
|------------------------|------------------------------------|
| Pneumatic connection 1 | Sub-base, size 4 as per ISO 5599-1 |
| Pneumatic connection 2 | Sub-base, size 4 as per ISO 5599-1 |
| Pneumatic connection 3 | Sub-base, size 4 as per ISO 5599-1 |
| Pneumatic connection 4 | Sub-base, size 4 as per ISO 5599-1 |
| Pneumatic connection 5 | Sub-base, size 4 as per ISO 5599-1 |
| Note on materials      | RoHS-compliant                     |
| Seals material         | NBR                                |
| Housing material       | Aluminum                           |