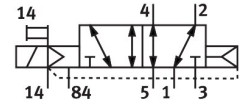


# Air solenoid valve CDVI5.0-MT2H-5LS

Part number: 196657

**FESTO**



## Data sheet

| Feature                                           | Value                                                              |
|---------------------------------------------------|--------------------------------------------------------------------|
| Valve function                                    | 5/2, monostable                                                    |
| Actuation type                                    | Electrical                                                         |
| Normal nominal flow rate (normalized to DIN 1343) | 650 l/min                                                          |
| Pneumatic working port                            | Sub-base                                                           |
| Operating voltage                                 | 24V DC                                                             |
| Operating pressure                                | -0.9 bar...10 bar                                                  |
| Structural design                                 | Piston gate valve                                                  |
| Reset method                                      | Pneumatic spring                                                   |
| Nominal width                                     | 5 mm                                                               |
| Exhaust air function                              | With flow control option                                           |
| Sealing principle                                 | Soft                                                               |
| Manual override                                   | Non-detenting                                                      |
| Type of control                                   | Pilot-controlled                                                   |
| Pilot air supply port                             | External                                                           |
| Flow direction                                    | Reversible                                                         |
| Note on forced dynamization                       | Switching frequency at least once a month                          |
| Pilot pressure                                    | 3 bar...8 bar                                                      |
| b-value                                           | 0.38                                                               |
| C value                                           | 2.75 l/sbar                                                        |
| Switching time off                                | 22 ms                                                              |
| On switching time                                 | 12 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) |
| Corrosion resistance class (CRC)                  | 3 - High corrosion stress                                          |
| LABS (PWIS) conformity                            | VDMA24364-B2-L                                                     |
| Temperature of medium                             | -5 °C...50 °C                                                      |
| Ambient temperature                               | -5 °C...50 °C                                                      |
| Product weight                                    | 195 g                                                              |
| Type of mounting                                  | Screw-in                                                           |
| Pilot exhaust air port 82/84                      | Sub-base                                                           |
| Pneumatic connection 1                            | Sub-base                                                           |

| Feature                | Value             |
|------------------------|-------------------|
| Pneumatic connection 2 | Sub-base          |
| Pneumatic connection 3 | Sub-base          |
| Pneumatic connection 4 | Sub-base          |
| Pneumatic connection 5 | Sub-base          |
| Note on materials      | RoHS-compliant    |
| Seals material         | NBR<br>TPE-O      |
| Housing material       | Die-cast aluminum |