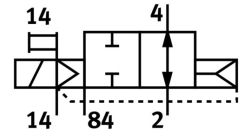


# Air solenoid valve CDVI5.0-MT2H-1X2OLS-EXT

FESTO

Part number: 556380



General operating condition

## Data sheet

| Feature                                  | Value  |
|--|--|
| Valve function                           | 2/2, open, monostable  |
| Actuation type                           | Electrical   |
| Standard nominal flow rate               | 300 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   |
| Symbol                                   | 00992126   |
| Note on forced dynamization              | Switching frequency at least once a month                          |
| Pilot pressure                           | 3 bar ... 8 bar  |
| b-value                                  | 0.34   |
| C value                                  | 2.05 l/sbar  |
| Switching time off                       | 14 ms  |
| On switching time                        | 10 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                           | 185 g  |
| Type of mounting                         | Screw-in   |
| Pilot exhaust air port 82/84             | Sub-base   |
| Pneumatic connection 1                   | Sub-base   |
| Pneumatic connection 2                   | Sub-base   |
| Pneumatic connection 3                   | Sub-base   |
| Pneumatic connection 4                   | Sub-base   |

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