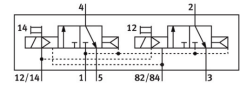


# Solenoid valve CDVI5.0-MT2H-2X3GLS

Part number: 196661

**FESTO**



General operating condition

## Data sheet

| Feature                                               | Value                                                                                      |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Valve function                                        | 2x3/2-way, monostable, closed                                                              |
| Type of actuation                                     | Electric                                                                                   |
| Standard nominal flow rate (standardised to DIN 1343) | 300 l/min                                                                                  |
| pneumatic working port                                | Sub-base                                                                                   |
| Operating voltage                                     | 24V DC                                                                                     |
| Operating pressure                                    | 3 bar ... 10 bar                                                                           |
| Design                                                | Piston gate valve                                                                          |
| Type of reset                                         | Pneumatic spring                                                                           |
| Nominal size                                          | 5 mm                                                                                       |
| Sealing principle                                     | Soft                                                                                       |
| Manual override                                       | Non-detenting                                                                              |
| Type of piloting                                      | Pilot actuated                                                                             |
| Pilot air supply                                      | External                                                                                   |
| Flow direction                                        | Non-reversible                                                                             |
| Symbol                                                | 00991809                                                                                   |
| Note on forced dynamization                           | Switching frequency min. 1/month                                                           |
| Pilot pressure                                        | 3 bar ... 8 bar                                                                            |
| b value                                               | 0.14                                                                                       |
| C value                                               | 1.4 l/sbar                                                                                 |
| Switching time off                                    | 22 ms                                                                                      |
| Switching time on                                     | 10 ms                                                                                      |
| Operating medium                                      | Compressed air to ISO 8573-1:2010 [7:4:4]                                                  |
| Note on operating and pilot medium                    | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC                        | 3 - high corrosion stress                                                                  |
| LABS (PWIS) conformity                                | VDMA24364-B2-L                                                                             |
| Media temperature                                     | -5 °C ... 50 °C                                                                            |
| Ambient temperature                                   | -5 °C ... 50 °C                                                                            |
| Product weight                                        | 210 g                                                                                      |
| Type of mounting                                      | Screw-in                                                                                   |
| Pilot exhaust port 82/84                              | Sub-base                                                                                   |
| Pneumatic connection, port 1                          | Sub-base                                                                                   |
| Pneumatic connection, port 2                          | Sub-base                                                                                   |
| Pneumatic connection, port 3                          | Sub-base                                                                                   |
| Pneumatic connection, port 4                          | Sub-base                                                                                   |
| Pneumatic connection, port 5                          | Sub-base                                                                                   |

| Feature           | Value              |
|-------------------|--------------------|
| Note on materials | RoHS-compliant     |
| Material seals    | NBR<br>TPE-O       |
| Material housing  | Die-cast aluminium |