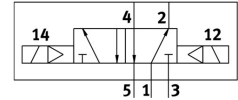


# Valve VOFC-L-B52-FG14-F19A

Part number: 4514930

FESTO



 General operating condition

## Data sheet

| Feature                        | Value                                                              |
|--------------------------------|--------------------------------------------------------------------|
| Valve function                 | 5/2 double solenoid                                                |
| Type of actuation              | Electric                                                           |
| Construction width             | 40 mm                                                              |
| Standard nominal flow rate     | 989 l/min                                                          |
| pneumatic working port         | Sub-base<br>G1/4                                                   |
| Operating pressure             | 0.25 MPa ... 0.8 MPa                                               |
| Operating pressure             | 2.5 bar ... 8 bar                                                  |
| Design                         | Piston gate valve                                                  |
| Degree of protection           | IP65                                                               |
| Nominal size                   | 6 mm                                                               |
| Sealing principle              | Soft                                                               |
| Mounting position              | optional                                                           |
| Manual override                | None                                                               |
| Type of piloting               | Pilot actuated                                                     |
| Pilot air supply               | Internal                                                           |
| Flow direction                 | Non-reversible                                                     |
| Symbol                         | 00995233                                                           |
| Flow rate Kv pressurisation    | 1.08 m³/h                                                          |
| Flow rate Kv exhaust           | 1.08 m³/h                                                          |
| Standard nominal flow rate 2-3 | 978 l/min                                                          |
| Switching time off             | 22 ms                                                              |
| Switching time on              | 26 ms                                                              |
| Explosion protection           | Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Operating medium               | Compressed air to ISO 8573-1:2010 [7:2:2]                          |
| Corrosion resistance class CRC | 4 - Very high corrosion stress                                     |
| LABS (PWIS) conformity         | VDMA24364 zone III                                                 |
| Media temperature              | -25 °C ... 60 °C                                                   |
| Ambient temperature            | -25 °C ... 60 °C                                                   |
| Product weight                 | 680 g                                                              |
| Pneumatic connection, port 1   | G1/4                                                               |
| Pneumatic connection, port 2   | Flange 1/4<br>NAMUR port pattern                                   |
| Pneumatic connection, port 3   | G1/4                                                               |

| Feature                      | Value                            |
|------------------------------|----------------------------------|
| Pneumatic connection, port 4 | Flange 1/4<br>NAMUR port pattern |
| Pneumatic connection, port 5 | G1/4                             |
| Note on materials            | RoHS-compliant                   |
| Material seals               | NBR                              |
| Material housing             | Ematal coated aluminium          |