

# Pneumatic valve VUWG-L14-M52-M-G18

Part number: 574262

**FESTO**



## Data sheet

| Feature   | Value  |
|---|--|
| Valve function  | 5/2-way, monostable  |
| Type of actuation                                     | Pneumatic  |
| Valve size  | 14 mm  |
| Standard nominal flow rate (standardised to DIN 1343) | 780 l/min  |
| pneumatic working port                                | G1/8   |
| Operating pressure                                    | -0.9 bar...8 bar   |
| Design  | Piston gate valve  |
| Type of reset   | Mechanical spring  |
| Grid dimension  | 16 mm  |
| Exhaust-air function                                  | With flow control option   |
| Sealing principle                                     | Soft   |
| Mounting position                                     | optional   |
| Manual override                                       | None   |
| Type of piloting                                      | Direct   |
| Flow direction  | Reversible   |
| lap   | Overlap  |
| Pilot pressure  | 3 bar...10 bar   |
| Suitability for vacuum                                | yes  |
| Switching time off                                    | 32 ms  |
| Switching time on                                     | 12 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                        | 2 - Moderate corrosion stress  |
| LABS (PWIS) conformity                                | VDMA24364-B1/B2-L  |
| Cleanroom class                                       | Class 5 according to ISO 14644-1   |
| Media temperature                                     | -5 °C...50 °C  |
| Pilot medium  | Compressed air to ISO 8573-1:2010 [7:4:4]  |
| Ambient temperature                                   | -5 °C...60 °C  |
| Product weight  | 67 g   |

| Feature                      | Value                                      |
|------------------------------|--|
| Type of mounting             | On PR rail<br>With through-hole<br>Either: |
| Pilot air port 12            | M5   |
| Pilot air port 14            | M5   |
| Pneumatic connection, port 1 | G1/8                                       |
| Pneumatic connection, port 2 | G1/8                                       |
| Pneumatic connection, port 3 | G1/8                                       |
| Pneumatic connection, port 4 | G1/8                                       |
| Pneumatic connection, port 5 | G1/8                                       |
| Note on materials            | RoHS-compliant                             |
| Material seals               | HNBR<br>NBR                                |
| Material housing             | Aluminium<br>Anodised                      |