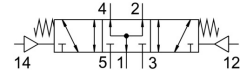


# Pneumatic valve VUWG-L10A-P53U-M3

Part number: 573799

**FESTO**



## Data sheet

| Feature                                  | Value                                                              |
|------------------------------------------|--------------------------------------------------------------------|
| Valve function                           | 5/3, pressurized                                                   |
| Lap                                      | Indefinite overlap                                                 |
| Actuation type                           | Pneumatic                                                          |
| Valve size                               | 10 mm                                                              |
| Standard nominal flow rate               | 90 l/min                                                           |
| Pneumatic working port                   | M3                                                                 |
| Operating pressure                       | -0.9 bar ... 10 bar                                                |
| Design                                   | Piston gate valve                                                  |
| Reset method                             | Mechanical spring                                                  |
| Width dimension                          | 10.5 mm                                                            |
| Type code                                | VUWG                                                               |
| Exhaust air function                     | With flow control option                                           |
| Sealing principle                        | Soft                                                               |
| Mounting position                        | Any                                                                |
| Manual override                          | None                                                               |
| Type of control                          | Direct                                                             |
| Flow direction                           | Reversible                                                         |
| Symbol                                   | 00991022                                                           |
| Pilot pressure                           | 3 bar ... 10 bar                                                   |
| Suitability for vacuum                   | yes                                                                |
| Switching time off                       | 19 ms                                                              |
| On switching time                        | 7 ms                                                               |
| Changeover time                          | 9 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)         | 2 - Moderate corrosion stress                                      |
| Temperature of medium                    | -5 °C ... 50 °C                                                    |
| Pilot medium                             | Compressed air as per ISO 8573-1:2010 [7:4:4]                      |
| Ambient temperature                      | -5 °C ... 60 °C                                                    |
| Product weight                           | 40 g                                                               |
| Type of mounting                         | Optionally:<br>On PR rail<br>With through-hole                     |
| Pilot air port 12                        | M5                                                                 |
| Pilot air port 14                        | M5                                                                 |
| Pneumatic connection 1                   | M3                                                                 |

| Feature                | Value                |
|------------------------|----------------------|
| Pneumatic connection 2 | M3                   |
| Pneumatic connection 3 | M3                   |
| Pneumatic connection 4 | M3                   |
| Pneumatic connection 5 | M3                   |
| Note on materials      | RoHS-compliant       |
| Seals material         | HNBR<br>NBR          |
| Housing material       | Aluminum<br>Anodized |