

## Pneumatic Valve VUWS-LT20-M52-M-G18 - Festo 577527

Item no. FES-577527

Manufacturer Festo

EAN 4052568382261

Festo valve for fast, reliable control of compressed-air direction and flow.

### TECHNICAL DATA

|                                |                               |
|--------------------------------|-------------------------------|
| Actuation type                 | pneumatic                     |
| Betriebsdruck max [bar]        | 10.000000                     |
| Corrosion resistance class CRC | 2 - moderate corrosion stress |
| Design                         | Plate seat                    |
| Dichtmaterial                  | HNBR, NBR, TPE-U(PU)          |
| Durchfluss [l/min]             | 500                           |
| Funktion                       | 5/2 monostable                |
| HS-Code                        | 84812090                      |
| Material                       | Aluminium                     |
| Medium                         | Compressed air                |
| Mounting position              | arbitrary                     |
| Nennweite DN [mm]              | 5                             |
| Pneumatic connection           | G1/8                          |
| Series                         | VUWS                          |
| Temperature (max.)             | 60                            |
| Weight                         | 0.19 kg                       |



### STANDARDS & COMPLIANCE

ISO 8573-1:2010 EN 60068-2-6 EN 60068-2-27

### DESCRIPTION

Festo valve for fast, reliable control of compressed-air direction and flow. The key technical data of this genuine Festo article are listed below.

|                             |                           |
|-----------------------------|---------------------------|
| Valve function              | 5/2 monostable            |
| Actuation type              | pneumatic                 |
| Valve size [mm]             | 21,0                      |
| Normal nominal flow [l/min] | 500                       |
| Operating pressure [bar]    | 2.5 to 10                 |
| Construction set up         | Plate seat                |
| Reset mode                  | Mechanical spring         |
| Permission                  | c UL us - Recognized (OL) |
| Nominal width [mm]          | 5,0                       |

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|------------------------------------------------|--------------------------------------------------------------------------|
| Exhaust function                               | Can be throttled                                                         |
| Sealing principle                              | Soft                                                                     |
| installation position                          | arbitrary                                                                |
| Hand assist actuation                          | none                                                                     |
| Control type                                   | Direct                                                                   |
| Control air supply                             | Internal                                                                 |
| Flow direction                                 | Not reversible                                                           |
| Überdeckung                                    | negative Überdeckung                                                     |
| Control pressure [bar]                         | 2.5 to 10                                                                |
| Shifting time off [ms]                         | 14                                                                       |
| Shifting time on [ms]                          | 10                                                                       |
| Operating medium                               | Compressed air to ISO 8573-1:2010 [7:4:4]                                |
| Information about operating and control medium | Oiled operation possible (required in further operations)                |
| Oscillation strength                           | Transport use test with severity level 2 to FN 942017-4 and EN 60068-2-6 |
| Shock resistance                               | Shock test with degree of severity 2 to FN 942017-5 and EN 60068-2-27    |
| Corrosion resistant class KBK                  | 2 - moderate corrosion stress                                            |
| Medium temperature [°C]                        | -10 to 60                                                                |
| control medium                                 | Compressed air to ISO 8573-1:2010 [7:4:4]                                |
| ambient temperature [°C]                       | -10 to 60                                                                |
| Product weight [g]                             | 173                                                                      |
| Fastening type                                 | With throughway bores<br>Selectively:<br>on terminal strip               |
| Breathing opening connection                   | Not recorded                                                             |
| Pneumatic connection 1                         | G1/8                                                                     |
| Pneumatic connection 2                         | G1/8                                                                     |
| Pneumatic connection 3                         | G1/8                                                                     |
| Material information                           | RoHs compliant                                                           |
| Seals material                                 | HNBR<br>NBR<br>TPE-U(PU)                                                 |
| Housing material                               | Aluminium die casting<br>painted                                         |
| Screws material                                | Zinc-plated steel                                                        |
| Control air 14 connection                      | M5                                                                       |
| Pneumatic connection 4                         | G1/8                                                                     |
| Pneumatic connection 5                         | G1/8                                                                     |