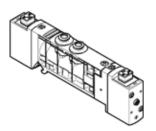
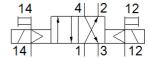
## solenoid valve VUVB-S-B42-ZD-T516-1C1

Part number: 568322

**FESTO** 

This product is only available if ordered from the Festo Corporation, USA. This type is suitable for vacuum.





## **Data sheet**

| Feature                                 | Value  |
|---|--|
| Valve function                          | 4/2 bistable   |
| Type of actuation                       | electrical   |
| Valve size                              | 20 mm  |
| Standard nominal flow rate              | 800 l/min  |
| Operating pressure                      | -0.9 8 bar   |
| Design structure                        | Piston slide   |
| Protection class                        | IP65   |
| Nominal size                            | 7 mm   |
| Exhaust-air function                    | not throttleable   |
| Sealing principle                       | soft   |
| Assembly position                       | Any  |
| Manual override                         | detenting  |
|   | Pushing  |
| Type of piloting                        | Piloted  |
| Pilot air supply                        | external   |
| Flow direction                          | non reversible   |
| Pilot pressure                          | 2 8 bar  |
| Switching time reversal                 | 20 ms  |
| Characteristic coil data                | 24 V DC: 1.5 W   |
| Surge strength                          | 0.8 kV   |
| Degree of contamination                 | 3  |
| Permissible voltage fluctuation         | +/- 10 %   |
| Operating medium                        | Compressed air in accordance with ISO8573-1:2010 [7:4:4]         |
| Note on operating and pilot medium      | Lubricated operation possible (subsequently required for further |
|   | operation)   |
| Corrosion resistance classification CRC | 1  |
| Storage temperature                     | -20 40 °C  |
| Medium temperature                      | -5 50 °C   |
| Ambient temperature                     | -5 50 °C   |
| Max. tightening torque, valve mounting  | 2 Nm   |
| Product weight                          | 220 g  |
| Electrical connection                   | Plug   |
|   | to EN 175301-803   |
|   | Design C   |
| Mounting type                           | with through hole  |
| Auxiliary pilot air port 12/14          | Sub-base   |
| Pilot exhaust port 84                   | Non-ducted   |
| Pneumatic connection, port 1            | Sub-base   |
| Pneumatic connection, port 2            | QS-5/16  |
| Pneumatic connection, port 3            | Sub-base   |
| Pneumatic connection, port 4            | QS-5/16  |
| Materials note                          | Free of copper and PTFE  |
|   | Conforms to RoHS   |



| Feature                            | Value                   |
|------------------------------------|-------------------------|
| Materials information for seals    | FPM                     |
|                                    | HNBR                    |
|                                    | NBR                     |
| Materials information, housing     | PA-reinforced           |
| Material information, piston spool | Wrought Aluminium alloy |