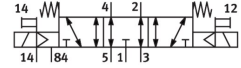
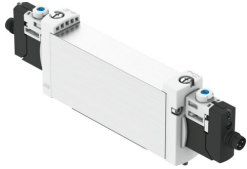


Air solenoid valve VUVG-B18-P53E-ZT-F-1R8L

Part number: 8031547



[General operating condition](#)

Datasheet product reliability

The information in this "Product reliability data sheet" is based on products being used as intended. This includes complying with all specifications in data sheets, catalogues, user documentation and the general operating conditions. The user alone is responsible for determining whether a product is suitable for a particular application.

| Feature | Value |
|---|---|
| Relevant basic safety principles ¹⁾ | Yes |
| Service-life value B ₁₀ ²⁾ | 10 Mio cycles |
| Relevant well-tried safety principles ³⁾ | Yes |
| Well-tried component ⁴⁾ | Yes |
| Design characteristics | Mechanical spring return Spring return to mid-position on logic 0 |
| Lap | Undefined lap |
| Vibration resistance | Transport application test with severity level 2 in accordance with FN942017-4 and EN 60068-2-6 |
| Shock resistance | Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 |
| Max. positive test pulse with 0 signal | 700 µs |
| Max. negative test pulse with 1 signal | 900 µs |
| CE mark (see declaration of conformity) | To EU EMC Directive To EU RoHS Directive To EU Low Voltage Directive |

- 1) The product-relevant basic safety principles are fulfilled according to the ISO 13849-2.
- 2) The ascertainment of characteristic service life values is based on the ISO 19973 "Pneumatic fluid power - Assessment of component reliability by testing".
- 3) The product-relevant well-tried safety principles are fulfilled according to the ISO 13849-2.
- 4) The product is a well-tried product for a safety-related application according to ISO 13849-1. The relevant basic and well- tried safety principles according ISO 13849-2 for this product are fulfilled. The suitability of the product for a precise application must be verified by the user.