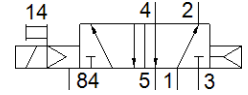
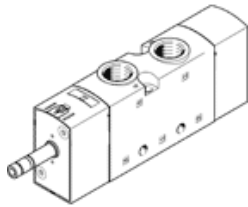


# solenoid valve

## VUVS-L30-M52-AD-G38-F8

FESTO

Código da peça: 575594



[PDF](#) [Condições gerais de operação](#)

[→ Portal de Suporte](#)

## Especificações técnicas sobre confiabilidade do produto

As informações nesta "Folha de especificações sobre confiabilidade de produto" pressupõem que o produto seja usado conforme designado. Isso inclui o cumprimento de todas as especificações constantes em folhas de especificações técnicas, catálogos, documentação de usuário e nas condições gerais de operação. O usuário é exclusivamente responsável por definir se um produto é adequado para uma determinada aplicação.

| Característica                                      | Valor  |
|---|--|
| Relevant basic safety principles <sup>1)</sup>      | Yes  |
| Relevant well-tried safety principles <sup>2)</sup> | Yes  |
| Well-tried component <sup>3)</sup>                  | Yes  |
| Certificate issuing authority                       | DNVGL-TAA000011J   |
| Service-life value B <sub>10</sub> <sup>4)</sup>    | 40 Mio SP  |
| Service-life value B <sub>10D</sub> <sup>5)</sup>   | 80 Mio SP  |
| Fault exclusion                                     | Bursting of the valve housing: externally directed failure of the material structure with a sudden release of the medium and associated pressure drop (according to ISO 5598, 3.2.85). |
| Design characteristics                              | Pneumatic spring return Supply air via duct 1<br>Pneumatic spring return   |
| Lap   | Overlap  |
| 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              | 2.000 µs   |
| Max. negative test pulse with 1 signal              | 3.600 µs   |

- 1) The product-relevant basic safety principles are fulfilled according to the ISO 13849-2.
- 2) The product-relevant well-tried safety principles are fulfilled according to the ISO 13849-2.
- 3) 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 and confirmed by the user.
- 4) The ascertainment of characteristic service life values is generally based on the ISO 19973 "Pneumatic fluid power - Assessment of component reliability by testing". Additional, B<sub>10</sub> values of 10 million cycles can also be based on the ISO 13849.
- 5) B<sub>10D</sub> value determined on the basis of ISO 13849-1: e.g. B<sub>10D</sub>=2\*B<sub>10</sub>. Whether this value is suitable for a specific application must be checked and confirmed by the user.