

# Valve unit VPCB-6-L-8-G38-10-F-D3-T22-M

Part number: 8071579



 [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 <sup>1)</sup>	Yes
Service-life value B10, subcomponent <sup>2)</sup>	5 million SP, stop valves
Mean time to failure (MTTF), subcomponent <sup>3)</sup>	54 years, valve electronics
Relevant well-tried safety principles <sup>4)</sup>	Yes
Well-tried component <sup>5)</sup>	No
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
CE mark (see declaration of conformity)	To EU EMC Directive To EU RoHS 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 ascertainment of the MTTF value is based on the IEC 61709 "Electric components - Reliability - Reference conditions for failure rates and stress models for conversion" respectively on the SN 29500.
- 4) The product-relevant well-tried safety principles are fulfilled according to the ISO 13849-2.
- 5) 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.