

Quarter turn actuator DFPD-20-RP-90-RD-F05

Part number: 8048011

FESTO



 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 |
|--|---|
| Safety Integrity Level (SIL) ¹⁾ | Up to SIL 3 in a redundant architecture Up to Safety Integrity Level 2 Low Demand mode Up to Safety Integrity Level 1 High Demand mode |
| Certified for safety function to ISO 13849 and IEC 61508 (SIL) ²⁾ | Up to SIL 3 in a redundant architecture Up to Safety Integrity Level 2 low demand mode Up to Safety Integrity Level 1 high demand mode |
| Certificate issuing authority | TÜV Rheinland 968/V 1106.01/2023 DNV TAP00001CE |
| CE mark (see declaration of conformity) | To EU ATEX Directive |
| Safety function ³⁾ | The safety function is to switch the actuator to the defined safety switching position. This switching movement is achieved by pressurising the corresponding pressure chamber with compressed air. The value of the torque generated depends on the pressure difference between the two pressure chambers separated by the piston. |

- 1) Further measures can be necessary to fulfil the stated Safety Integrity Level (SIL). For these measures refer to the relevant documentation.
- 2) Further measures can be necessary to fulfil the stated Safety Integrity Level (SIL). For these measures refer to the relevant documentation.
- 3) Further measures can be necessary for realization of the mentioned safety function. For these measures refer to the relevant documentation.