

Quarter turn actuator DFPD-120-RP-90-RD-F0507-R3-EP

Part number: 8048128



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.