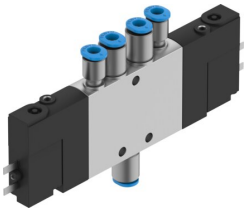
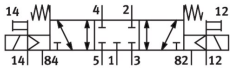
Air solenoid valve
CPE10-M1BH-5/3GS-QS4-B

Part number: 533148





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
Certificate issuing authority	UL MH19482 DNV-TAA000032X
Service-life value B_{10} [1)]	23 Mio cycles
Well-tried component [2)]	Yes
Design characteristics	Mechanical spring return Spring return to mid-position on logic 0
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	1200 µs
Max. negative test pulse with 1 signal	900 µs

1) The ascertainment of characteristic service life values is based on the ISO 19973 "Pneumatic fluid power - Assessment of component reliability by testing".
2) 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.