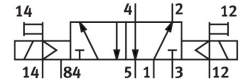


Electroválvula CPV14-M1H-5JS-1/8

Número de artículo: 161361

FESTO



[PDF 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.

Característica	Valor
Service-life value B_{10} ¹⁾	64 Mio cycles
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). Automatic change of the initial switching position of the switching element of the main stage without a control signal. The control signal for pilot-controlled solenoid valves consists of the electrical signal for the valve coil and the pneumatic signal (pilot air supply) of the pilot valve. The fault exclusion applies under the following additional conditions: - When the valve connectors are to be connected directly to the working ports and have a tubing length of at least 200 mm. - When silencers are to be mounted directly on the exhaust ports or when the exhaust air is to have a common connection. The use of adapters for larger diameters is not permitted. Festo-components or components with a comparable flow have to be used.
Well-tried component ²⁾	Yes
Design characteristics	Remains in switching position on signal switch-off (bistable valve)
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	1400 µs
Max. negative test pulse with 1 signal	400 µs

- 1) The ascertainment of characteristic service life values is generally 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 and confirmed by the user.