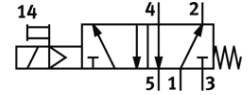
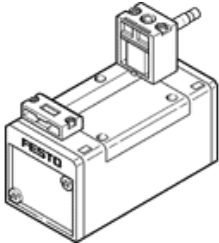


solenoid valve MN1H-5/2-D-1-FR-C

Número de artículo: 159687

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Hoja de datos, fiabilidad del producto

La información de esta "Hoja de datos de fiabilidad del producto" se fundamenta en el uso previsto del producto. Incluye el cumplimiento de todas las especificaciones, p. ej., de la hoja de datos, el catálogo, la documentación de usuario y las condiciones generales de funcionamiento. Es exclusivamente el usuario quien se responsabiliza de determinar si un producto se adecúa a una determinada aplicación.

Característica	Valor
Well-tried component ¹⁾	Yes
Service-life value B ₁₀ ²⁾	36 Mio SP
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 normal 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 control signal for the valve coil and the pneumatic signal (pilot air supply) of the pilot valve.
Design characteristics	Mechanical spring return
lap	overlap
Vibration resistance	Transport application test with severity level 1 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	3.700 µs
Max. negative test pulse with 1 signal	4.600 µs

- 1) 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.
- 2) The ascertainment of characteristic service life values is generally based on the ISO 19973 "Pneumatic fluid power - Assessment of component reliability by testing". Additional, B₁₀ values of 10 million cycles can also be based on the ISO 13849.