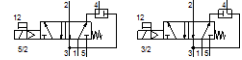
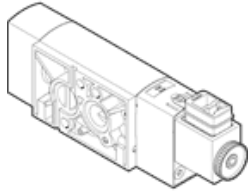


solenoid valve VSNC-FC-M52-MD-G14-F8-1B2

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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
Relevant basic safety principles ¹⁾	Yes
Relevant well-tried safety principles ²⁾	Yes
Certificate issuing authority	DNVGL-TAA000011J
Service-life value B ₁₀ ³⁾	7 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 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

- 1) The product-relevant basic safety principles are fulfilled according to the ISO 13849-2.
- 2) The product-relevant well-tried safety principles are fulfilled according to the ISO 13849-2.
- 3) 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.