



Product Service

CERTIFICATE

No. Z10 003842 0001 Rev. 01

Holder of Certificate: Andreas Lupold Hydrotechnik GmbH
Eythstraße 11
72189 Vöhringen
GERMANY

Certification Mark:



Product: Safety components
Safety Valve

Model(s): VB70.002V1, VB70.002V2, VB70.002V3, VB70.002V4

Parameters:

Max. operating pressure:	Connections A, B, P, P1 ... 280 bar Connections T, T1 ... 120 bar
System pressure p1:	135-280 bar
Switching pressure p2:	100-240 bar
Differential pressure pd:	80-180 bar
Ambient temperature:	-20 °C to +50 °C
Temperature range of hydraulic oil:	-20 to +80 °C
B10d - value of the valve block:	1.500.000 operations
Performance level:	up to PLd
Safety integrity level:	suitable for up to SIL 2

Safety function: Each time the oil supply is removed, the 4/2-way valve moves into the initial position, which corresponds to the return stroke of the hydraulic cylinder

Tested according to: EN ISO 13849-1:2023
EN ISO 13849-2:2012
IEC 61508-1:2010
IEC 61508-2:2010

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: AV92867T
Valid until: 2029-01-11
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(Matthias Ramold)