



# Certificate of compliance Product



**Holder** FlowVision GmbH, Germany

**Compliant Items** FS10, FS10-EX, FS10-dbEX, FS20, FS20-EX, FS20-dbEX

**Basis of Certification** IEC 61508:2010

**Certification Includes**

- ☒ Management of functional safety
- ☒ Safety requirements specification
- ☒ Hardware
- ☒ Hardware reliability
- ☒ Basic safety
- ☒ User documentation

## Functional Safety Data

Safety function: See report  
Mode: Low demand, high demand  
Type: A  
HFT: 0  
Hardware route: 2<sub>H</sub>  
Systematic route: 2<sub>S</sub>  
Systematic capability: SC3  
Failure rates (FIT): SD=0, SU=121, DD=0, DU=384  
Diagnostic coverage: n.a.  
Fit for use up to: HFT=0: Low demand SIL 2, high demand SIL 1  
HFT=1: Low demand SIL 3, high demand SIL 2 and 3

**Certification Results** Risknowlogy certifies that the above Compliant Item meets the requirements of the Basis of Certification for the selected assessment(s). The Risknowlogy report 5512.603.3 is an integral part of this certificate.

**Certificate Number** 5512.603.4-1

**Initial Certification** 2024-01-26

**This Certificate** 2024-01-26

**Expiry Date** 2029-01-26

**Certifier** Dr Michel Houtermans



Risknowlogy GmbH, Zug, Switzerland