



# Certificate of compliance Product



**Holder** STS Sensor Technik Sirnach AG, Sirnach, Switzerland

**Compliant Item** VMS/iS

**Basis of Certification** IEC 61508:2010

**Certification Include(s)**

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

## Functional Safety Data

Safety function: See report  
Mode: Low demand  
Type: B  
HFT: 0  
Hardware route: 2<sub>H</sub>  
Systematic route: 2<sub>S</sub>  
Systematic capability: SC3  
Failure rates (FIT): SD=75.5, SU=0.5, DD=123, DU=63.8  
Diagnostic coverage: 66%  
Fit for use up to: SIL 2 (HFT=0), SIL 3 (HFT=1)  
Fit for use up to: STL 5

**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 5582.614.6 are an integral part of this certificate.

**Certificate Number** 5582.614.6-1

**Initial Certification** 2024-10-28

**This Certificate** 2024-10-28

**Expiry Date** 2029-10-28



**Certifier** Dr Michel Houtermans

Risknowlogy GmbH, Zug, Switzerland