



# Certificate of compliance Product



**Holder** BHDT, Kapfenberg, Austria

**Compliant Item(s)** 1218626

**Basis of Certification** IEC 61508:2010

**Certification Include(s)**

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

## Functional Safety Data

Safety function: See report  
Mode: Low demand  
Type: A  
HFT: 0  
Hardware compliance route: 1<sub>H</sub>  
Systematic compliance route: 1<sub>S</sub>  
Systematic capability: SC2  
Failure rates (FIT): SD=0, SU=0, DD=0, DU=81, NE=284, NP=0  
Safe failure fraction: 0%  
Fit for use up to: SIL 1 in HFT=0 and SIL 2 on HFT=1

**Certification Results** Risknowlogy certifies that the above Compliant Item(s) meets the requirements of the Basis of Certification for the selected assessment(s). The Risknowlogy report 2628.560.22 is an integral part of this certificate.

**Certificate Number** 2628.560.16-0

**Initial Certification** 2023-06-07

**This Certificate** 2023-06-07

**Expiry Date** 2028-06-07

**Certifier** Dr. Michel Houtermans

