



# Certificate of compliance Product



**Holder** BHDT, Kapfenberg, Austria

**Compliant Item(s)** 1219797

**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=73.4, NE=139, 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 2628.618.11 is an integral part of this certificate.

**Certificate Number** 2628.618.9-1

**Initial Certification** 2024-11-08

**This Certificate** 2024-11-08

**Expiry Date** 2029-11-08

**Certifier** Dr. Michel Houtermans

