



# Certificate of compliance Product



**Holder** Istec International BV, The Netherlands

**Compliant Item** SpeedSys 200

**Basis of Certification** IEC 61508:2010

**Certification Include(s)**

- ☒ Functional safety management
- ☒ Safety requirements specification
- ☒ Hardware requirements
- ☒ Reliability requirements
- ☒ Software requirements
- ☒ Basic safety
- ☒ User documentation

## Functional Safety Data

Safety function: See report  
Mode: Low demand  
Type: B  
HFT: 0  
Hardware compliance route: 1<sub>H</sub>  
Systematic compliance route: 1<sub>S</sub>  
Systematic capability: SC2  
Failure rates (FIT):  
40 °C - 3-wire: SD=0, SU=478, DD=608, DU=28  
40 °C - 2-wire: SD=0, SU=478, DD=615, DU=39  
60 °C - 3-wire: SD=0, SU=942, DD=1304, DU=59  
60 °C - 2-wire: SD=0, SU=942, DD=1320, DU=82  
Safe failure fraction: 97%, except 60 °C - 2-wire: 96%  
Fit for use up to: SIL 2 (HFT=0) and SIL 2 (HFT=1)

**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 123.508.18 is an integral part of this certificate.

**Certificate Number** 123.508.19-2

**Initial Certification** 2021-04-20

**This Certificate** 2023-06-23

**Expiry Date** 2028-06-23



**Certifier** Dr Michel Houtermans

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