



Certificate of compliance Product



Holder Istec International BV, The Netherlands.

Compliant Item SpeedSys 300

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_H
Systematic compliance route: 1_S
Systematic capability: SC 3
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 3 (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 18.508.19 is an integral part of this certificate.

Certificate Number 18.508.21-4

Initial Certification 2021-04-20

This Certificate 2026-06-25

Expiry Date 2031-06-25



Certifier Dr Michel Houtermans



Risknowlogy Gmbh, Switzerland