



Certificate of compliance Product



Holder Endress+Hauser SICK CI GmbH & Co. KG, Ottendorf-Okrilla, Germany

Compliant Items ZIRKOR200
ZIRKOR200 Ex-D
ZIRKOR200 Ex-G

Basis of Certification IEC 61508:2010

Certification Include(s) ☒ 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: 2_H
Systematic compliance route: 2_S
Systematic capability: SC2
Failure rates (FIT): SD=404, SU=181, DD=2432, DU=793
Safe failure fraction: 79%
Diagnostic coverage: 75%
Fit for use up to: SIL 2

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 2770.408.12 is an integral part of this certificate.

Certificate Number 2770.408.13-2

Initial Certification 2018-09-12

This Certificate 2025-03-01

Expiry Date 2030-03-01



Certifier Dr. Michel Houtermans