



Certificate of compliance Product



Holder BD Sensors, Germany

Compliant Item DMK 331P
DMK 331P EX

Basis of Certification IEC 61508:2010
IEC 61511:2016

Certification Include(s) 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: 2_H
Systematic compliance route: 2_s
Failure rates (FIT): DU = 352 FIT (See report)
Fit for use up to: SIL 2 (HFT=0) 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 49.532.6 is an integral part of this certificate.

Certificate Number 49.532.9-0

Initial Certification 2007-02-15

This Certificate 2022-08-18

Expiry Date 2027-08-18

Certifier Dr. Michel Houtermans

