



Certificate of compliance Product



Holder Ashcroft Instruments GmbH, Germany

Compliant Item GOLD SERIES PG55, GOLD SERIES CG55, GOLD SERIES PG55-Cable, GOLD SERIES CG55-Cable

Basis of Certification IEC 61508:2010
IEC 61511:2016

Certification Include(s)

- ☒ 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: 2_s
Failure rates (FIT): SD=0, SU=137.4, DD=2.35, DU=45.4
Safe failure fraction: 75.5%
Diagnostic coverage: 4.9%
Fit for use up to: IEC 61508: HFT=0 SIL 1, HFT=1 SIL 2
IEC 61511: HFT=0 SIL 2, HFT=1 SIL 3
Fit for use up to: STL 5

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 5073.500.9 is an integral part of this certificate.

Certificate Number 5073.500.10

Initial Certification 2020-11-02

This Certificate 2020-11-02

Expiry Date After modification of Compliant Item

