



Certificate of compliance Product



Holder Müttec Instruments GmbH

Compliant Item MSK 200-SIL-DX

Basis of Certification IEC 61508:2010
IEC 61511:2016

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=0, SU=331, DD=362, DU=37
Safe failure fraction: 95%
Diagnostic coverage: 90%
Fit for use up to: SIL 2
Fit for use up to: STL 3

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 123.493.10 is an integral part of this certificate.

Certificate Number 123.493.11

Initial Certification 2020-06-29

This Certificate 2020-06-29

Expiry Date After modification of Compliant Item

Certifier Dr. Michel Houtermans

