

CERTIFICATE OF COMPLIANCE

Product

Holder: Müttec Instruments GmbH
Bei den Kämpfen 26
21220 Seevetal-Ramelsloh
Germany

Compliant Item: MSK200i-TE-SIL

Basis of Certification: IEC 61508:2010
IEC 61511:2016

Certification Include(s):

- ☒ Hardware requirements
- ☒ Reliability requirements
- ☒ Software requirements
- ☒ Fault Injection Testing
- ☒ Basic safety
- ☒ User documentation

Functional Safety Data:

Safety function:	See report
Mode:	Low demand mode
Type:	B
HFT:	0
Hardware compliance route:	2 _H
Systematic compliance route:	2 _S
Systematic capability:	SC2
Failure rates (FIT):	SD=101, SU=323, DD=381, DU=39
Safe failure fraction:	95%
Diagnostic coverage:	91%
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 Testing for the selected assessment(s). The Risknowlogy report 656.18.1 and the safety manual are an integral part of this certificate.

Certificate Number: 123.101.5

Issue Date: 2018-09-12

Expiry Date: After modification of Compliant Item



Certifier:

A blue ink signature of dr.ir. Michel Houtermans.

dr.ir. Michel Houtermans