



Certificate of compliance Product



Holder Müttec Instruments GmbH, Germany

Compliant Item	MTP300i-SIL-*	JKS-MTP300i-SIL-*
	MTP300-SIL-*	JKS-MTP300-SIL-*
	MTP302i-SIL-*	JKS-MTP302i-SIL-*
	MTP302-SIL-*	JKS-MTP302-SIL-*

Basis of Certification IEC 61508:2010
IEC 61511:2016

Certification Include(s)

- ☒ Functional safety management
- ☒ Safety requirements specification
- ☒ Hardware requirements
- ☒ Reliability requirements
- ☒ Software requirements
- ☒ Fault injection testing
- ☒ 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:	1 _s
Systematic capability:	SC2
Safe Failure Fraction:	93%
PFDavg (1Y)	5.63E-5
PFSavg(1Y)	2.63E-5
Fit for use up to:	SIL 2
Fit for use up to:	STL 4

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 123.106.4 is an integral part of this certificate.

Certificate Number 123.106.5-4

Initial Certification 2013-08-08

This Certificate 2023-06-23

Expiry Date 2028-06-23



Certifier Dr. Michel Houtermans



Risknowlogy GmbH, Switzerland