Certificate of compliance
Product

★★★★★

Holder	Mütec Instruments GmbH, Germany
Compliant Item	HVT300-SIL-XX, JKS-HVT300-SIL-XX
Basis of Certification	IEC 61508:2010 IEC 61511:2016
Certification Include(s)	☑ Functional safety management ☑ Hardware requirements ☑ Reliability requirements ☑ Software requirements ☑ Basic safety ☑ User documentation

Functional Safety Data

Safety function:	See report
Mode:	Low and high demand, see report
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=325, DU=37
Safe failure fraction:	95%
Diagnostic coverage:	90%
Fit for use up to:	SIL 2

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 123.542.13 are an integral part of this certificate.
Certificate Number	123.542.14-1
Initial Certification	2022-08-05
This Certificate	2023-10-19
Expiry Date	2028-10-19

Certifier Dr. Michel Houtermans

Risknowlogy GmbH, Switzerland