



# Certificate of compliance Product



**Holder** Mütec Instruments GmbH, Germany

**Compliant Item** MTP200i-SIL-OS, MTP200-SIL O2 LT, MTP200-SIL O2 ZR

**Basis of Certification** IEC 61508:2010

**Certification Include(s)**

- Management of functional safety
- Safety requirements specification
- Hardware
- Hardware reliability
- Software
- Fault injection
- Basic safety
- User documentation

## Functional Safety Data

Safety function: See report  
Mode: Low demand  
Type: B  
HFT: 0  
Hardware route: 1<sub>H</sub>  
Systematic route: 1<sub>S</sub>  
Systematic capability: SC2  
Failure rates (FIT): SD=101, SU=303, DD=381, DU=19  
Safe failure fraction: 97.6%  
Fit for use up to: SIL 2  
Fit for use up to: STL 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 18.658.2 is an integral part of this certificate.

**Certificate Number** 18.658.3-5

**Initial Certification** 2005-06-20

**This Certificate** 2026-05-21

**Expiry Date** 2031-05-21

**Certifier** Dr Michel Houtermans

