

CERTIFICATE FUNCTIONAL SAFETY DATA SHEET[®]

Holder	Mütec Instruments GmbH Bei den Kämpfen 26 D-21220 Seevetal-Ramelsloh Germany
Compliant Item	MTP300i-SIL-*
Intended application	The above listed product is used as temperature transmitter for the process industry
Basis of testing	IEC:61508:2010
Report	4.139.18
Assessment includes	<input checked="" type="checkbox"/> Management of Functional Safety <input checked="" type="checkbox"/> Hardware requirements <input checked="" type="checkbox"/> Reliability requirements <input checked="" type="checkbox"/> Software requirements (interference free) <input checked="" type="checkbox"/> User Documentation
Functional Safety Data	
Safety function	See technical report
Mode	Low demand
Type	A
Hardware compliance route	1 _H
Systematic compliance route	1 _s
Systematic Capability	SC2
Hardware fault tolerance	Combined architecture, see technical report
PFDavg (1Y)	5.63E-05
PFSavg (1Y)	2.63E-05
Safety Integrity Level Capability	2
Spurious Trip Level Capability	5
Date	2013-08-08

**Certifier**