



Certificate of compliance Product



Holder OneSubsea GmbH

Compliant Item PSD Master (P/N: 2197017-71)
PSD Slave (P/N: 2197017-72)

Basis of Certification IEC 61508:2010

Certification Include(s)

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

Functional Safety Data

Safety function:	See report	
Mode:	Low demand	
Type:	B	
HFT:	0	
Hardware route:	1 _H	
Systematic route:	1 _S	
Systematic capability:	SC3	
	PSD Master	PSD Slave
Failure rates (FIT):	S=517, DD=413, DU=11.3	S=675, DD=573, DU=17.3
Safe failure fraction:	98.3%	98.6%
Fit for use up to:	SIL 2 in HFT=0	

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 18.199.10 is an integral part of this certificate.

Certificate Number 18.199.11-4

Initial Certification 2018-12-18

This Certificate 2023-12-18

Expiry Date 2028-12-18

