

# Certificate



**No.: 968/EL 161.17/19**

<b>Product tested</b>	Safety-Related Programmable Electronic System	<b>Certificate holder</b>	Kongsberg Maritime AS Kirkegardsveien 45 Carpus 3616 Kongsberg Norway
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<b>Type designation</b>	K-Safe System AIM releases and individual components as listed in the revision list.		
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<b>Codes and standards</b>	IEC 61508 Parts 1-7:2010	IEC 60945:2002+ Corr. 1:2008 (in extracts)
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<b>Intended application</b>	The product complies with the requirements of SC 3 and SIL 3 according to IEC 61508 and can be used in safety-related applications for Process Shutdown (PSD), Fire & Gas (F & G), Emergency Shutdown Systems (ESD), where the safe state is the de-energized state and applications, where the demand state is the de-energized or energized state, up to SIL 3. The product was also reviewed in reference to the requirements of IEC 61511-1:2016 + Corr.1:2016 + AMD1:2017, EN 54-2:1997 + AC:1999 + A1:2006, NFPA 72:2016 applicable during a type examination and can be used in application as such.		
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<b>Specific requirements</b>	The instructions of the associated Installation and Operating Manuals shall be considered.		
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Valid until 2024-01-18

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/EL 161.17/19 dated 2019-01-18.

This certificate is valid only for products which are identical with the product tested.

**TÜV Rheinland Industrie Service GmbH**  
Bereich Automation  
Funktionale Sicherheit  
Am Grauen Stein, 51105 Köln

Köln, 2019-01-18

Certification Body Safety & Security for Automation & Grid

Dipl.-Ing. Thomas Steffens