

# Certificate



**No.: 968/FSP 2498.00/23**

<b>Product tested</b>	Orbit 60 Series Protection and Condition Monitoring System	<b>Certificate holder</b>	Bently Nevada, LLC. 1631 Bently Parkway South Minden, NV 89423 USA
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<b>Type designation</b>	60R_SYSTEM Details see Revision List
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<b>Codes and standards</b>	IEC 61508 Parts 1-7:2010
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<b>Intended application</b>	<p>The Orbit 60 Series Protection and Condition Monitoring System (60R_SYSTEM) is suitable for use in the IEC 61508 applications, where the safe state is the de-energize state, up to the SIL listed below:</p> <ul style="list-style-type: none"><li>• SIL1 applications (single channel outputs)</li><li>• SIL 2 applications (redundant outputs)</li></ul>
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The 60R\_SYSTEM supports various protection functions related to the mechanical condition of rotating and reciprocating machinery. The demand rate of the protection functions is low demand mode of operation.

<b>Specific requirements</b>	The instructions of the associated Installation, Operating and Safety Manual shall be considered.
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Valid until 2028-03-07

The issue of this certificate is based upon an evaluation in accordance with the Certification Program CERT FSP1 V1.0:2017 in its actual version, whose results are documented in Report No. 968/FSP 2498.00/23 dated 2023-03-03. This certificate is valid only for products, which are identical with the product tested. Issued by the certification body accredited by DAkkS according to DIN EN ISO/IEC 17065. The accreditation is only valid for the scope listed in the annex to the accreditation certificate D-ZE-11052-02-01.

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

Köln, 2023-03-07

Certification Body Safety & Security for Automation & Grid



Dipl.-Ing. Thomas Steffens