

## DECLARATION OF CONFORMITY MANUFACTURER DECLARATION



As manufacturer

**PR electronics A/S**  
**Lerbakken 10**  
**DK-8410 Rønde**

hereby declares that the following product:

Type: 9203  
Product Version: All Versions

is suitable for the use in systems up to Performance Level “d” according to ISO-13849, if the appropriate instructions are observed.

The reliability data summarized in the following table are the result of a hardware assessment according to IEC-61508 carried out on the 9203. The hardware assessment consists of an FMEDA done by Exida (report FMEDA PR 9203-001 V2R0.pdf), updated with calculations of reliability data according to ISO-13849.

	<b>Description:</b>	<b>PFHd: [1/h]</b>	<b>Resulting PL:</b>	<b>MTTFd: [ years]</b>
High Current	Any Input, High Current Output	1.82e-07	d	627
Low Current	Any Input, Low Current Output	1.79e-07	d	639
A-Version	Any Input, any Output, Single channel version.	1.02e-07	d	1122

The calculated values are valid only within the useful lifetime.

For all the outputs, the useful lifetime is 20 years.

Roende, 30 March 2020

  
Stig Lindemann, CTO  
Manufacturer's signature