

DECLARATION OF CONFORMITY MANUFACTURER DECLARATION



As manufacturer

PR electronics A/S
Lerbakken 10
DK-8410 Rønde

hereby declares that the following product:

Type: 9107
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 9107. The hardware assessment consists of an FMEDA done by Exida (report FMEDA PR 9107 V2R1.pdf updated with calculations of reliability data according to ISO-13849).

	Description:	PFHd: [1/h]	Resulting PL:	MTTFd: [years]
9107	Current Input, Current Output	1.75E-07	d	651

The calculated values are valid only within the useful lifetime.

For the Current Output, the useful lifetime is 20 years.

Roende, 30 March 2020


Stig Lindemann, CTO
Manufacturer's signature