

## DECLARATION OF CONFORMITY MANUFACTURER DECLARATION

As manufacturer

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

hereby declares that the following product:

Type: 4179  
From serial no.: 181752500

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 4179. The hardware assessment consists of an FMEDA done by Exida (report PR4179 V1R1), updated with calculations of reliability data according to ISO-13849.

Operating Mode:	Description:	PFHd: [1/h]	Resulting PL:	MTTFd: [ years]
Current Aout	Current Input, Current Output	5,00E-07	d	228
Voltage Aout	Voltage Input, Current Output	5,05E-07	d	226

The calculated values are valid only within the useful lifetime.

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

Roende, 9 October 2019



Stig Lindemann, CTO  
Manufacturer's signature