

## SIL DECLARATION OF CONFORMITY

As manufacturer

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

hereby declares that the products listed in the table below are suitable for use in a safety-instrumented system up to a Safety Integrity Level of SIL 2<sup>1</sup> if the appropriate safety instructions are observed.

The reliability data summarized in the following table are the results of a hardware assessment according to IEC61508 carried out on the Pulse Isolators 5202. The hardware assessment consists of an FMEDA done by Exida.

The 5202 Pulse Isolators are considered to be a Type A component with a hardware fault tolerance (HFT) of 0.

Product	PFH 1/h	PFD <sub>avg</sub> T <sub>proof</sub> = 1 year	PFD <sub>avg</sub> T <sub>proof</sub> = 5 years	SFF
5202A1 / -B1	3.58E-08	1.57E-04	7.84E-04	95.95%
5202A2 / -B2	3.22E-08	1.41E-04	7.05E-04	96.24%
5202A4 / -B4	4.33E-08	1.90E-04	9.48E-04	95.07%

<sup>1</sup> For T<sub>proof</sub> = 5 years

Rønde, 12 March 2015



Stig Lindemann, CTO  
Manufacturer's signature