SIL DECLARATION OF CONFORMITY
MANUFACTURER DECLARATION

Product: 4114/4116
Type: Universal Transmitter

Manufactured by: PR electronics A/S
Lerbakken 10
DK-8410 Rønde
Denmark

PR electronics as a manufacturer declares that the 4114/4116 devices are suitable for use in a safety-instrumented system up to a Safety Integrity Level of SIL 2 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 4114/4116 Universal Transmitters. The hardware assessment consists of an FMEDA done by Exida.

The 4114/4116 Universal Transmitters are considered to be a Type B component with a hardware fault tolerance (HFT) of 0.

<table>
<thead>
<tr>
<th></th>
<th>PFH^3 1/h</th>
<th>PFD_{AVG} T[Proof] = 1 year</th>
<th>PFD_{AVG} T[Proof] = 5 years</th>
<th>SFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>4114/4116</td>
<td>8.22E-08</td>
<td>3.60E-04</td>
<td>1.80E-03</td>
<td>91.20%</td>
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<tr>
<td>4114/4116 with TC^4</td>
<td>3.32E-07</td>
<td>1.45E-03</td>
<td>7.27E-03</td>
<td>94%</td>
</tr>
<tr>
<td>4114/411 with 4W RTD^4</td>
<td>1.02E-07</td>
<td>4.46E-04</td>
<td>2.23E-03</td>
<td>96%</td>
</tr>
</tbody>
</table>

1 From SN 060094001
2 4114/4116 and 4114/4116 with 4W RTD: For T[Proof] = 5 years
   4114/4116 with TC: For T[Proof] = 1 year
3 Maximum demand rate: 1.5 h
4 Sensor in low-stress environment

Rønde, 6 November 2014
Stig Lindemann, CTO
Manufacturer’s signature

BKP1.17.01