



## SIL DECLARATION OF CONFORMITY

**Manufacturer:** ABB Automation Products GmbH  
**Address:** Schillerstraße 72 - D-32425 Minden  
**Product name:** Positioner TZIDC – TZIDC-200 (4...20 mA) and Shutdown Modul  
**Valid from:** Software-Revision 3.00

### Functional safety according to IEC 61508

We as the manufacturer declare that the a.m. products are suitable for the use in a safety related application up to SIL 2 according to IEC 61508, provided that the attached safety instructions are observed. The assessment of the safety critical and dangerous random errors results, in case of an annual function test, in the following parameters:

**SIL (Safety integrity level):** 2 **Type: A**  
**HFT (Hardware failure tolerance):** 0 (one-channel application)

Product	SFF	PFDav	$\lambda_{dd} + \lambda_s$	$\lambda_{du}$
TZIDC / TZIDC-200 as shutdown module	94%	$1,76 * 10^{-4}$	718 FIT	40 FIT
TZIDC / TZIDC-200 with supply current of 0 mA	94%	$1,76 * 10^{-4}$	651 FIT	40 FIT

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Date

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