

SIL-DECLARATION OF CONFORMITY

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

Functional Safety according to IEC 61508/61511

We as the manufacturer declare that the a.m. products are suitable for the use in a safety related application up to SIL 2.

A proven-in-use assessment according to IEC61511 is to be conducted. The attached safety instructions must be observed.

The assessment of the safety critical and dangerous random error results according to IEC61508:2000 provide in case of an annual function test the following parameters:

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

Product	SFF	PFDav	$\lambda_{dd} + \lambda_s$	λ_{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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