



SIL CERTIFICATE OF CONFORMITY

Manufacturer: ABB Automation Products GmbH
Address: Schillerstrasse 72 - D-32425 Minden
Product name: Pressure Transmitter 2600T - 265xx, 267xx, 269xx (4...20 mA)

Functional safety according to IEC 61508 / IEC 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 according to IEC 61511-1, 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: B**
HFT (Hardware failure tolerance): 0¹⁾ (one-channel application)

Transmitter Type	Measuring Range	SFF	PFDav	$\lambda_{dd} + \lambda_s$	λ_{du}
265D*A	10 mbar	75 %	$8,54 * 10^{-4}$	614 FIT	195 FIT
267C*A / 269C*A	10 mbar	76 %	$9,43 * 10^{-4}$	698 FIT	216 FIT
265D*(A,3,C,F,L,N) 265V*(F,L,N)	10 mbar to 20 bar 400 mbar to 20 bar	73 %	$8,7 * 10^{-4}$	539 FIT	199 FIT
267C* / 269C*(A,3,C,F,L,N) 267J* / 269J*(A,3,C,F,L,N)	10 mbar to 20 bar 10 mbar to 20 bar	74 %	$9,59 * 10^{-4}$	625 FIT	219 FIT
265D*R	100 bar	74 %	$24,4 * 10^{-4}$	1651 FIT	558 FIT
265A* / 265G*(C,F)	60 mbar, 400 mbar	75 %	$13,2 * 10^{-4}$	918 FIT	303 FIT
265A*(L,D,U,R) 265G*(L,D,U,R,V)	$\geq 2,5$ bar $\geq 2,5$ bar	69 %	$9,92 * 10^{-4}$	511 FIT	227 FIT

1) according to chapter 11.4 of IEC 61511

For the prior-use investigation the instrument including the modifications was analysed.

25.10.2007

Date

Dr. Wolfgang Scholz
Head of Research & Development

Manfred Klüppel
Head of Quality Assurance