



SIL DECLARATION OF CONFORMITY

Manufacturer: ABB Automation Products GmbH
Address: Schillerstraße 72 - D-32425 Minden
Product name: Pressure Transmitter 2600T - 261 (4...20 mA)

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: B**
HFT (Hardware failure tolerance): 0 (one-channel application)

Transmitter Type	Measuring Range	λ_{sd}	λ_{su}	λ_{dd}	λ_{du}	SFF	DC _s	DC _D	PFD _{AVG} T _{proof} = 1 year
261AS/GS (C, F)	60 mbar, 400 mbar	0 FIT	143 FIT	464 FIT	36 FIT	94%	0%	92%	1,57 * 10 ⁻⁴
261AS/GS (L, D, U, R, V)	≥ 2,5 bar	0 FIT	108 FIT	402 FIT	23 FIT	95%	0%	94%	1,03 * 10 ⁻⁴
261AC/AG/AJ/AM/AN/AR 261GC/GG/GJ/GM/GN/GR (C, F)	60 mbar, 400 mbar	0 FIT	143 FIT	472 FIT	66 FIT	90%	0%	87%	2,88 * 10 ⁻⁴
261AC/AG/AJ/AM/AN/AR 261GC/GG/GJ/GM/GN/GR (L, D, U, 1, R, V)	≥ 2,5 bar	0 FIT	108 FIT	410 FIT	53 FIT	90%	0%	88%	2,34 * 10 ⁻⁴

14.12.2007

Date

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