Declaration

Endress+Hauser
People for Process Automation

Mean Time Between Failure (MTBF)

Company Endress+Hauser Conducta GmbH+Co. KG
Dieselstrasse 24, 70839 Gerlingen, Germany

as a manufacturer of products for liquid analysis declares, that MTBF of the product

Product **Memosens CAS41E**

Regulations was calculated based on the standards EN 61709:2011 and Siemens Norm SN 29500.

Considerede component	Value	Boundary conditions	Hardware	Revision
Electronics	MTBF: 1,53 * 10^6 h (174,6 years)	at Temperature 40 °C (104 °F)	KSIS2 and KSIC1	Vx.01.01 and Vx.00.01
	Total Failure Rate [1/h]: 6,54 x 10^7	at Temperature 40 °C (104 °F)	KSIS2 and KSIC1	Vx.01.01 and Vx.00.01
	Total Failure Rate [FIT]: 654	at Temperature 40 °C (104 °F)	KSIS2 and KSIC1	Vx.01.01 and Vx.00.01

Remarks

- The parameter MTBF was calculated for the specified maximum temperature. For lower temperature values, higher MTBF values are possible.
- All connection/ components of the electronic hardware was considered. No mechanical components were considered.
- This manufacturer declaration shall be valid for 36 months after date of issue.

Supplementary device documentation

- Technical Information
- Operating Instruction

Gerlingen, 2026-07-27

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