



Test Report / Technical Construction File no. JAT-25(01)221S



Annex I

No. 3N250428.LSEDTO6

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1. The use of the product must obey the required rules to conservation of SIL3 properties, these rules are recalled in the §6 of the Assessment Report reference: [SIL Capability assessment report].
2. The product version of hardware components used for validation and type tests are the following:

Product:	Safety Gate Switch
Model(s):	D3NL, D3-B2S, D3SL series, FK-CL series, LMC3 series

3. Acceptable environmental constraints for the system are recalled in the safety Manual. These elements must be checked for each integration operation of the product.
4. The SIL 3 capable certified safety instrumented function of the product is the following:
 - SF1: To Close on demand.
 - SF2: To Open on demand.

Component architecture	SIL Capability	Demand frequency	PFD
1oo1 configuration	SIL3 Low	Low	1.70E-03
1oo2 configuration	SIL3 Low	Low	2.98E-04

Safety function	Failure rate	Undetected dangerous failure rate	Tests intervals	MTTR
SF1	2.89E-06	3.88E-07	12months	8h
SF2	2.87E-06	3.86E-07	12months	8h

6. The safety integrated level of the safety function using the product shall be calculated taking into account the characteristics of the whole system.