



FUNCTIONAL SAFETY DATA SHEET™

Basic Data

Manufacturer	SISTCON A.S.
Product(s)	Panel SC BDV LOC SOL REE, Rev 1
Intended application	The above listed panel is used in industry (e.g., oil and gas) to open and close valves.
Basis of testing	<ul style="list-style-type: none">• IEC 61508 (1998-12-15)• IEC 61511 (2003-12-19)
Report	The test report 121.101.4 v1.0 of 2005-10-25 is an integral part of this data sheet.

Functional Safety Data

Type	A
Hardware Fault Tolerance	0
Safe Failure Fraction	71.7%
Safe Detected Failure Rate	0.00 [1/h]
Safe Undetected Failure Rate	9.96E-6 [1/h]
Dangerous Detected Failure Rate	0.00 [1/h]
Dangerous Undetected Failure Rate	3.94E-6 [1/h]
PFD	Sample calculations are given in the report.
Fit for use in SIL	2

2005-10-25

Date

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