



FUNCTIONAL SAFETY DATA SHEET™

Basic Data

Manufacturer	SISTCON A.S.
Product(s)	Panel 1020 I
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 of 2004-12-30 is an integral part of this data sheet.

Functional Safety Data

Type	A
Hardware Fault Tolerance	0
Safe Failure Fraction	81.1%
Safe Detected Failure Rate	0.00 [1/h]
Safe Undetected Failure Rate	1.69E-5 [1/h]
Dangerous Detected Failure Rate	0.00 [1/h]
Dangerous Undetected Failure Rate	3.96E-6 [1/h]
PFD	Sample calculations are given in the report.
Fit for use in SIL	2

2004-12-30

Date

Signature