

# FUNCTIONAL SAFETY DATA SHEET®

**Manufacturer**

SISTCON A.S.  
Gervosio Posadas 664/70  
Villa Martelli  
Argentina

**Product(s)**

Panel SC BDV LOC SOL REE, Rev 1

**Intended application**

The above listed product(s) are used in industry  
(e.g., oil and gas) to open and close valves

**Basis of testing**

- IEC 61508:1999
- IEC 61511:2003

**Report**

The test report 121.101.4 v1 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 /hour
Safe Undetected Failure Rate	9,96E-6 /hour
Dangerous Detected Failure Rate	0,00 /hour
Dangerous Undetected Failure Rate	3,94E-6 /hour
MTTFd	29,0 years
MTTFs	11,5 years
PFD	See report for sample calculations
PFS	See report for sample calculations
Fit for use in Safety Integrity Level	2
Fit for use in Spurious Trip Level™	3

2005-10-25

Date

Dr. M.J.M. Houtermans