

FUNCTIONAL SAFETY DATA SHEET®

Manufacturer

Rotork
Via del Casalino, 6
Tassignano
55012 Lucca
Italy

Product(s)

GH Actuator

Intended application

The above listed product(s) are used in industry
(e.g., oil and gas) for the control of safety valves

Basis of testing

- IEC 61508:1999

Functional Safety Data

Type	A
Hardware Fault Tolerance	0
Safe Failure Fraction	99,7 %
Safe Detected Failure Rate	0,00 /hour
Safe Undetected Failure Rate	4,33E-07 /hour
Dangerous Detected Failure Rate	0,00 /hour
Dangerous Undetected Failure Rate	1,48E-09 /hour
MTTFd	77132 years
MTTFs	264 years
Fit for use in Safety Integrity Level	3
Fit for use in Spurious Trip Level™	4

2006-10-03

Date



Dr. M.J.M. Houtermans