

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	<ul style="list-style-type: none">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