



Certificate of compliance Product



Holder Behsazan Jonoob

Compliant Item BSY Actuator Series

Basis of Certification IEC 61508:2010
IEC 61511:2016

Certification Include(s) ☒ Management of functional safety
☒ Safety requirements specification
☒ Hardware
☒ Hardware reliability
☒ Basic safety
☒ User documentation

Functional Safety Data

Safety function: See report
Mode: Low demand / Demand mode
Type: A
HFT: 0
Hardware route: 1_H
Systematic route: 1_S
Systematic capability: SC3
Failure rates (FIT): SD=0, SU=367, DD=0, DU=98
Safe failure fraction (SFF): 78.9%
Fit for use up to: SIL 2 (HFT=0) and SIL 3 (HFT=1)

Certification Results Risknowlogy certifies that the above Compliant Item meets the requirements of the Basis of Certification for the selected assessment(s). The Risknowlogy report 5304.604.5 is an integral part of this certificate.

Certificate Number 5304.604.6-0

Initial Certification 2024-08-05

This Certificate 2024-08-05

Expiry Date 2029-08-05

Certifier Dr Michel Houtermans

