



# Certificate of compliance Product



**Holder** Flow Management Industries, Buenos Aires, Argentina

**Compliant Item** Actuator Series SE

**Basis of Certification** IEC 61508:2010

**Certification Include(s)**  Safety requirements specification  
 Hardware requirements  
 Reliability requirements

## Functional Safety Data

Safety function: See report  
Mode: Low demand  
Type: A  
HFT: 0  
Hardware compliance route: 1<sub>H</sub>  
Failure rates (FIT) SE-1: SD=0, SU=118, DD=0, DU=410  
Safe failure fraction SE-1: 22%  
Failure rates (FIT) SE-2: SD=0, SU=312, DD=0, DU=425  
Safe failure fraction SE-2: 42%  
Fit for use up to: SIL 1 - 3 (see report for details)  
Fit for use up to: STL 4

**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 5110.502.7 is an integral part of this certificate.

**Certificate Number** 5110.502.9-0

**Initial Certification** 2021-09-09

**This Certificate** 2021-09-09

**Expiry Date** After modification of Compliant Item

**Certifier** Dr. Michel Houtermans

