

Certificate of Compliance

Element / Product / Subsystem

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| Holder: | ESFEROMATIC SA, Argentina |
| Compliant Item(s): | Floating Ball Valve Series ABF/IBF-XXX-PT-IR-D:#” and ABF/IBF-XXX-IR-D:#” |
| Intended Application: | Valves are intended for tight shutoff applications |
| Basis of testing: | IEC 61508:2010 IEC 61511:2003 |
| Assessment include(s): | <input type="checkbox"/> Management of functional safety <input checked="" type="checkbox"/> Hardware requirements <input checked="" type="checkbox"/> Reliability requirements <input type="checkbox"/> Software requirements (not applicable) <input type="checkbox"/> Basic safety <input type="checkbox"/> User documentation |
| Functional Safety Data: | |
| Safety function(s): | See report 2071.269.6 |
| Mode: | Low demand / Demand mode |
| Type: | A |
| Compliance route(s): | 1H |
| HFT: | 0 |
| Failure rates (FIT): | SD=0, SU=0, DD=0, DU=80 |
| Fit for use in Safety Integrity Level: | 1 - 3 |
| Fit for use in Spurious Trip Level [®] : | N/A |

Results:

Risknowlogy certifies that the above Compliant Item meets the requirements of the Basis of Testing for the selected assessment(s). The Risknowlogy report 2071.269.6 and is an integral part of this certificate.

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| User manual: | N/A |
| Certificate number: | 2071.269.8 |
| Issue date: | 2016-05-16 |
| Expiry date: | After modification of compliant item(s) |



Certifier: dr.ir. Michel Houtermans