



Certificate of compliance Subsystem



Holder BHDT, Kapfenberg, Austria

Compliant Item(s) HPV-2015
LPV-2101
LPV-2102
XPV-2102 - <5s
XPV-2102 - 20-30s
XPV-2104
XPV-2105

Basis of Certification IEC 61508:2010
IEC 61511:2016

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

Functional Safety Data

Safety function: Upon demand close valve
Functional safety parameters: See next page

Certification Results Risknowlogy certifies that the above Compliant Item(s) meets the requirements of the Basis of Certification for the selected assessment(s). The Risknowlogy report 2628.557.22 are an integral part of this certificate.

Certificate Number 2628.557.23-0

Initial Certification 2023-04-11

This Certificate 2023-04-11

Expiry Date 2028-04-11

Certifier Dr. Michel Houtermans





Certificate of compliance Subsystem



Subsystem	Type	SD	SU	DD	DU	SFF	HFT=0	HFT=1
HPV-2015	A	0	178	0	369	32.6%	SIL 1	SIL 2
LPV-2101	A	0	912	0	370	71.2%	SIL 2	SIL 2
LPV-2102	A	0	624	0	369	62.8%	SIL 2	SIL 2
XPV-2102 - <5s	A	0	550	0	590	48.3%	SIL 1	SIL 2
XPV-2102 - 20-30s	A	0	550	0	572	49.0%	SIL 1	SIL 2
XPV-2104	A	0	570	0	1005	36.2%	SIL 1	SIL 2
XPV-2105	A	0	584	0	1200	32.7%	SIL 1	SIL 2

