

Certificate



SIL/PL
Capability

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ID 0600000000

No.: 968/V 1120.02/26

Product tested	Ball Valves Trunnion and Floating	Certificate holder	Thermomess S.r.l. Via Eugenio Montale, 6 20020 Robecchetto con Induno (MI) Italy
Type designation	Trunnion ART 130TR DN 10 ... 500 / NPS 3/8" ... 20" : PN 10 ... PN 100 / Class 150/300/600 DN 10 ... 400 / NPS 3/8" ... 16" : PN 10 ... PN 250 / Class 150/300/600/900/1500 DN 10 ... 200 / NPS 3/8" ... 8" : PN 10 ... PN 420 / Class 150/300/600/900/1500/2500 Floating ART 130, ART 117, ART 118, ART 190 DN 10 ... 300 / NPS 3/8" ... 12" : PN 10 ... PN 20 / Class 150 DN 10 ... 250 / NPS 3/8" ... 10" : PN 10 ... PN 50 / Class 150/300 DN 10 ... 200 / NPS 3/8" ... 8" : PN 10 ... PN 100 / Class 150/300/600 DN 10 ... 80 / NPS 3/8" ... 3" : PN 10 ... PN 150 / Class 150/300/600/900 DN 10 ... 50 / NPS 3/8" ... 2" : PN 10 ... PN 250 / Class 150/300/600/900/1500 DN 10 ... 250 / NPS 3/8" ... 1 1/4" : PN 10 ... PN 420 / Class 150/300/600/900/1500/2500		
Codes and standards	IEC 61508 parts 1-2:2010		EN 17955:2024 (non accred.)
Intended application	Safety Functions: - Open or Close on demand and external tightness - Close on Demand with allowable leakage acc. EN 12266-1 leak rate A The valves are suitable for use in a safety instrumented system up to SIL 2 (low demand mode) and SIL 1 (high demand mode of operation). Under consideration of the minimum required hardware fault tolerance HFT = 1 for the complete final element the valves may be used up to SIL 3.		
Specific requirements	The instructions of the associated Installation, Operating and Safety Manual shall be considered.		
Summary of test results see back side of this certificate.			

The issue of this certificate is based upon an evaluation in accordance with the Certification Program CERT FSP1 V3.0:2020 in its actual version, whose results are documented in Report No. 968/V 1120.02/26 dated 2026-05-12. This certificate is valid only for products, which are identical with the product tested. Issued by the certification body accredited by DAkkS according to DIN EN ISO/IEC 17065. The accreditation is only valid for the scope listed in the annex to the accreditation certificate D-ZE-11052-02-00.

TÜV Rheinland Industrie Service GmbH
Bereich Automation
Funktionale Sicherheit
Am Grauen Stein, 51105 Köln

Köln, 2026-06-26

Certification Body Safety & Security for Automation & Grid

Dipl.-Ing. (FH) Wolf Rückwart

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