Certificate No: LR2121034TA
Issue Date: 21/01/2021
Expiry Date: 20/01/2026

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer **HENRI SYSTEMS HOLLAND B.V.**

Address Scheepmakersstraat 33, Zwijndrecht, 3334 KG, Netherlands

Type Level Gauges

Description Marine Float Type Level Gauge
FTLG 807 SUS (or INV) TA 39, and remote indicator - TankGuard 831

Trade Name Float Type Level Gauge 807, TankGuard 831

Application Marine Float Type Level Gauge for Gas Carriers and Chemical Tankers

Specified Standard LR Test Specification No. 1, 2018: ENV1, ENV2 and ENV5 for sensor only
EN60079-0 : 2012, EN 60079-11 : 2012

Ratings

Sensor

Explosion protection:	II (1)G [Ex ia Ga] IIB T4
Measuring range:	0 – 37 m
Max. working pressure:	2.0 MPa (20 bar)
Cargo temperature range:	–165 °C – +90 °C
Ambient temperature:	–20 ° C – +60 °C
Material floater:	DIN 1.4404 - AISI 316L
Material head, drum, wire:	DIN 1.4404 - AISI 316, on request Wire FeNi36
Weight:	±65 kg
Electrical output:	U=16Vdc, I=52mA,P=169mW, C=50nF,L=250µH

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Kees de Visser

Electrical Surveyor to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Indicator	
4-20mA / Hart, maximum :	U = 30Vdc, I = 191mA, P = 1.43W, C = 0.5µF, L = 3mH
CANbus, max. values:	U = 17Vdc, I = 549mA, P = 2.34W, C = 1.9µF, L = 1mH
FTLG, max values:	U = 12.4Vdc, I = 48mA, P = 148mW, C = 1.9µF, L=10mH

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document PRJ11100298558/ROTKVT and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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