



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	Kockum Sonics AB
Address	Box 1035, Malmö, 212 10, Sweden
Type	Alarm And Monitoring Systems
Description	Tank level gauging system Levelmaster H8 Levelmaster H8-C Levelmaster H8-M Levelmaster WIM MK2 with separate LR Type Approved touch panel part.no. 20882484 (Beijer iX panel)
Trade Name	Levelmaster H8
Application	Marine, offshore and industrial use. Suitable for applications in environmental categories ENV1, ENV2 and ENV3 as defined in LR Test Specification No 1: 2002.
Specified Standard	SOLAS – Chapter XII Regulation 12 (Resolution MSC.134 (76)) IMO – Resolution MSC.145 (77): Dated 5 June 2003 IACS – UI No. SC180 Rev3: Dated March 2012 IACS unified requirements E10 (Rev.8 Feb 2021)
Ratings	Power Supply: 115/230 VAC or 24 VDC Level range: 0 to 32 m water column 0 to 45 m water column

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Measurement points: Max 24 per cabinet
Max 16 per cabinet (Levelmaster H8C), optional 24 MP version

Additional Tests Shock: 5g/11ms

Other Conditions Bulk carrier water ingress detection system, to a maximum pressure of 4 bar.

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.

Previous Version: LR2004025TA

The Design Appraisal Document HPC1562140-23/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.