



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	Barksdale GmbH
Address	Dorn-Assenheimer Str. 27, Reichelsheim, 61203, Germany
Type	Recording And Indicating Instruments
Description	Magnetic rotor level indicator and accessories Types BNA-S22-S BNA-S32/S36-S GK03 - limit switch XT, XM - indicator XTi, XMi - indicator (Ex-version)
Trade Name	BNA-S22-S, BNA-S32/S36-S, GK03, XT, XM, XTi, XMi
Application	Marine, offshore and industrial applications for use in environmental categories ENV1 and ENV2 as defined in LR Type Approval System, Test Specification Number 1 – 2002.
Specified Standard	Manufacturer's specification
Ratings	GK03 max. switching capacity: 230V AC/DC 1.0A / 60VA/W XT, XTi Power supply: 24 VDC

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Output: 4-20 mA
Load (Ohm): max. 700 at 24V

Additional Tests Dry heat test (+70 °C/2 h)
Low temperature test (0 °C/2 h)

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: 08/20038 (E2)

The Design Appraisal Document HPC1862044-23/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.