

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 LR Type Approval System.

This certificate is issued to:

PRODUCER	Barksdale GmbH
PLACE OF PRODUCTION	Dorn-Assenheimer Str. 27 61203 Reichelsheim Germany
DESCRIPTION	Magnetic rotor level indicator and accessories
TYPES	BNA-S22 BNA-S32 GK03 - limit switch XT, XM - indicator XTi, XMi - indicator (Ex-version)
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.
ADDITIONAL TESTS	Dry heat test (+70 °C/2 hrs) Low temperature test (0 °C/2 hrs)
DESIGN CODE	Manufacturer's specification
OTHER CONDITIONS	Maximum length for BNA-S22 l=1000mm and for BNA-S32 l=1500mm without support. Ratings for application in hazardous areas are to be obtained from the applicable Ex Certificate.
Certificate No.	08/20038
Issue Date	05 August 2008
Expiry Date	04 August 2013
Sheet	1 of 2



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"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 LR of any modification or changes to the equipment in order to obtain a valid certificate."

The Design Appraisal Document No. ETS 19308-08 and its supplementary Type Approval Terms and Conditions form

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