



Type Approval Certificate

Germanischer Lloyd

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

Certificate No. **97 897 - 95 HH**

Company **Barksdale GmbH
Dorn-Assenheimer Strasse 27
D-61203 Reichelsheim**

Product Description **MAGNETIC ROTOR and accessories**

Type **BNA-S21/-S22, BNA-S31/-S32, BNA-S35/-S36, BNA-S41/-S42, XM, XM_i (Ex),
GK01, GK03, macrolon or aluminium indication rail**

Environmental Category **C, EMC1**

Technical Data /
Range of Application **BNA-S21/-S22: PN 25 / 300 lbs
BNA-S31/-S32: PN 16 / 150 lbs
BNA-S35/-S36: PN 16 / 150 lbs
BNA-S41/-S42: PN 40 / 600 lbs
Measuring scale**

Measurement transducer (optional): any suitable type approved device

**Indicator (optional): XM (USE 3000)
XM_i (USE 3200) Ex-Version**

**Limit switch GK01(03): 230 V AC, 0.8A, 60 VA
220 V DC, 0.8 A, 40 W
Degree of protection: IP 67(65)
In heavy fuel oil systems additional heating is recommend.**

Test Standard **Guidelines for the Performance of Type Approvals, Chapter 2 - Edition 2003**

Documents **Test Report: RMS No.4-11 / 95; Pressure test: TÜV 6 from 09.01.1996
Data sheet: 923-1275; Certificate: ISSeP03ATEX119X
Barksdale Catalogue "Bypass-Level-Indicators", 10/99 BNA-EN 01/1**

Remarks **None**

Valid until **2010-05-22**

Page 1 of 1

File No. **II.B.06**

Hamburg, 2005-06-07

Type Approval Symbol



Germanischer Lloyd

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This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".