



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. **15 622 - 00 HH**

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

Product Description **Electronic Dual Pressure Switch**

Type **UDS 7 - GL**

Environmental Category **D, H, EMC1**

Technical Data /
Range of Application **Measuring Range: 0.2, 0.4, 0.6, 1, 2, 5, 10, 50, 100, 200, 400, 600, 800, 1000 bar
Accuracy: better than $\pm 1.5\%$
Temperature Influence: $\pm 0.2\%$ / 10K
Power Supply: 24 V DC
Analogue Output: 4...20 mA
Solid State Dual Output: rating max. 500 mA, short circuit-proof
Mechanical Connection: G1/4" M, G1/2" M, 1/4" NPT M
Electrical Connection: PG7/PG9 incl. 1,5m screened cable
M12x1 Plug (straight / 90° elbow) with screened cable
4-digit Dot-matrix display; 1x LED red for Errors; 2x LED green for switch points
Software Version: 4.0
Test and evidence according to Requirement Class 3
Degree of Protection: IP67**

*Envir. Cat. "H": Cold Test at -25°C
Vibration Test: 10 Hz - 500 Hz, acceleration = 10g

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

Documents **Test Reports: No. 2-04/99 and No. 5-10/98 of RMS, No. 5641b/05 of BFSV
Test Reports: No. 00 / 061-1 of EMV-Services, No. P051630 of Mectronic Lab.
Catalogue 01/99 KDE-EN 01/1, Technical Data Sheets, Circuit Diagrams
Software Questionnaire SW-D-AK3.doc signed on 22.02.2000**

Remarks **None**

Valid until **2010-07-27**

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Type Approval Symbol



File No. I.D.01

Hamburg, 2005-07-28

Germanischer Lloyd

J. Wittburg

D. Lesniewski

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