

# TYPE APPROVAL CERTIFICATE

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

Certificate No.	<b>26 231 - 05 HH</b>
Company	<b>Barksdale GmbH</b>  <b>Dorn-Assenheimer Strasse 27</b> <b>61203 Reichelsheim, GERMANY</b>
Product Description	<b>Compact Pressure Switch, Series KLM / KLK</b> <b>Pressure Switch, Series 8000 / 9000</b>
Type	<b>KLM-xxx-x-x / KLK-xxx-x-x</b> <b>8x... / 9x...</b>
Environmental Category	<b>D, EMC1</b>
Technical Data / Range of Application	<b>KLM / KLK: diaphragm / piston pressure switch</b> <b>8000 / 9000: diaphragm / piston pressure switch</b> <b>Pressure range [bar]:</b> <b>KLM -...: 1...6 up to 10...40</b> <b>KLK -...: 30...100 up to 150...400</b> <b>8000 -...: 0.4...6 up to 80...600</b> <b>9000 -...: 10...50 up to 40...400</b> <b>Process connection:</b> <b>• KLM/KLK - G1/4", 1/4" NPT, M12x1.5, M18x1.5, 7/16-20UNF</b> <b>• 8000 / 9000 - G1/4", 1/4" NPT, Cetop flange</b> <b>Electrical connection:</b> <b>• KLM / KLK - connector S1, ST0, ST1, A5, V3, V5 or cable Kx</b> <b>• 8000 / 9000 - connector PL1, 2, 3 or 4 or cable Cax</b> <b>Output: 1x c/o (silver), see manufacturers specification for contact rating</b> <b>Degree of protection: IP 65 / IP 67 (depending on connector type)</b> <b>Ex-proof protection: according to the corresponding Ex-proof certificate</b>
Test Standard	<b>GL Guidelines for the Performance of Type Approvals, Chapter 2 – Test Requirements for Electrical / Electronic Equipment and Systems (VI-7-2), Edition 2012</b>
Documents	<b>Test reports: BFSV No. 5527/05, No. 5527A/05, No. 5641a/05, No. 6706/09</b> <b>Barksdale Pressure Test Certificates; EG-Cert. ISSeP03ATEX119X</b> <b>Catalogue sheets: 05/03 KDM-DE 03/1, 03/05 S8000 DE 03/01, 923-1646</b> <b>Drawings: No. 922-0018, 922-0510, 922-1025, 922-1208, 923-1304, 911-0</b>
Remarks	<b>This certificate is issued on the basis of GL Guidelines for the Performance of Type Approvals, Chapter 1 - Procedure (VI-7-1), Edition 2007</b>

Valid until **2019-08-27**

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File No. **I.D.01**

**Hamburg, 2014-08-28**

Type Approval Symbol



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Marco Rinkel      Dariusz Lesniewski