TYPE APPROVAL CERTIFICATE

DNV·GL

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.	**14 747 - 15 HH**
Company	**NORIS Automation GmbH** **Muggenhofer Straße 95** **90429 Nürnberg, GERMANY**
Product Description	**Pressure transmitter**
Type	**PAA9-...** **PAG9-...**
Environmental Category	**D, H, EMC1**
Technical Data / Range of Application	**Sensor: thin-film on steel or piezo-resistive** **Measuring ranges: 0...0.6 to 0...600 bar** **Output signal / [Power supply]:** **· Current (2-wire): 4...20 mA / [DC 24 V (8...30 V)]** **· Voltage (3-wire): DC 0...10 V / [DC 24 V (14...30 V)]** **Electrical connection:** **· angular connector (DIN EN 175 301-803 A)** **· circular connector (M12x1)** **· cable outlet: OEM, UL 94 V-0 listed, max. length 5 m** **Process connection:** **· G1/4", M14x1.5, 1/4 NPT** **· Material (sensor, housing): stainless steel 316L** **Degree of protection: IP65, IP67 (M12x1 and cable outlet)** **Environmental Category 'H':** **· Vibration: 20g, sinus (25...2000 Hz)** **· Cold: -30°C; Dry Heat: +100°C**
Test Standard	**GL Guidelines for the Performance of Type Approvals, Chapter 2- Test Requirements for Electrical / Electronic Equipment and Systems (VI-7-2), Edition 2012**
Documents	**Technical- and Test Documentation:** **Ref: 12AR-01026 / No. PRQ00045623'** **Drawings: no. 50.810, 50.811, 50.812 of 24.06.2015**
Remarks	**This certificate is issued on the basis of GL Guidelines for the Performance of Type Approvals, Chapter 1 - Procedure (VI-7-1), Edition 2007**

Valid until **2019-07-01**

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

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Type Approval Symbol GL

DNV GL

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