

# Type Approval Certificate



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. **75 996 - 09 HH**

Company **Böning Automationstechnologie  
GmbH & Co. KG  
Am Steenöver 4  
27777 Ganderkesee, GERMANY**

Product Description **Hydrostatic Level Transmitter**

Type **AHD-S 201**

Environmental Category **D, EMC1**

Technical Data /  
Range of Application **Hydrostatic probe with ceramic-capacitive sensor element.  
Nominal pressure ranges: 0 ... 0.04 up to 0 ... 20bar  
Power supply: 24V DC rated (10 ... 32V DC)  
Output signal: 4 ... 20mA, 2-wire  
Electrical connection: shielded cable with integrated air tube for atmospheric  
reference  
Mechanical connection: Standard submersible probe, screw-in or flange version  
Material housing: standard: stainless steel 1.4571 (316Ti),  
option: copper-nickel alloy  
Material seals: standard: FKM, option: EPDM, FFKM  
Cable sheath: standard: TPE dark blue, option: FEP black**

**Degree of protection: IP68  
Optional: with Pt100 temperature sensor (only with standard version), 3-wire**

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

Documents **Test reports no.: EMV Services 09/8152-2-1 (02.02.09), Paconsult 07-1590 (26.10.07)  
+07-1481 (21.03.07), Carsynergies P05-0030 (02.03.05);  
Data sheet AHD-S 201 (03.07.09), Assembly drawings acc. to submitted file,  
drawings electronic boards: ELI25, ELI28, EMV13, EMV44**

Remarks **None**

Valid until **2014-06-30**

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File No. **I.D.03**

Hamburg, **2009-10-27**

Type Approval Symbol



**Germanischer Lloyd**

Jürgen Wittburg

Klaus-Peter Schröder

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