



Germanischer Lloyd

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. **12 067 - 98 HH**

Company **Baumer A/S
Jacob Knudsens Vej 14
8230 Aabyhøj, DENMARK**

Product Description **Pressure Transmitter**

Type **Flex Bar 81-611(2)x, 81-621(2)x, 81-631(2)x, 81-641(2)x,**

Environmental Category **D**

Technical Data /
Range of Application **Power supply: 24 V DC
Ranges: - 0.1 - 0.4 bar up to - 1.0 to 400 bar relative pressure
0 - 0.4 bar up to 0 to 400 bar absolute pressure
81-611x: output signal 4 mA to 20 mA, increasing to 23 mA by over range
81-621x: output signal 4 mA to 20 mA with opto coupler
81-631x: output signal 4 mA to 20 mA with HART protocol
81-641x: output signal 4 mA to 20 mA with HART protocol and opto coupler
81-6x1x: standard version
81-6x2x: certified safe type EEx ia IIC T5/T6
Wetted parts: AISI 316L/W 1.4404
Housing: AISI 304/W 1.4301
Degree of protection: IP 65
Electrical connection: cable gland or plug DIN - 43650
Option: Flex View display with linearisation of tank volume
Type: 8146-514, 8146-515 standard version
Type: 8146-614, 8146-615 EEx - version**

Test Standard **Regulations for the Performance of Type Tests, Edition 2003**

Documents **Test report : 55 05-007, 55 06-032
Circuit diagram: 5520-406, 5520-399
DEMKO Cert.: 97D.122990X, 95D. 116801X**

Remarks **None**

Valid until **2012-04-22**

Page 1 of 1

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Type Approval Symbol



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W. Voß
Wolfgang Voß

Thomas Reimer
Thomas Reimer