



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.	12 279 - 98 HH
Company	Heinrich Kübler AG Ruessenstrasse 4 6341 Baar, SWITZERLAND
Product Description	Level Indicator with Magnetic Signal Transmission
Type	AL..., AV..., KV... with transmitter XT-42-SI, TMT 181 AL... - flex, AV... - flex with transmitter XT-42-SI, TMT 181
Environmental Category	C, EMC1
Technical Data / Range of Application	Power supply: 24 V DC Input: potentiometer 1 kOhm to 100 kOhm Output: 4 mA to 20 mA Level sensor tube: 12x1, 14x1, 18x1,5 or 18x3 mm Material: 1.4571, 1.4435, 1.4404, 316L, brass Mechanical connection: thread or flange Electrical connection: AL... / AV... - connection box KV... - cable, max. length 6m Pressure: max. 40 bar Media temperature: up to 180° C Max. guide tube length: free length 2500mm, longer systems to be fastened after each 4000mm Certified safe type: according to Ex-proof certificates Degree of protection: IP 65
Test Standard	Guidelines for the Performance of Type Approvals, Chapter 2 - Edition 2012
Documents	Test reports: QNL K 317-05-8, QNL-E581-05-3-e, RUAG 5442 Data sheet: 1001; Drawings: DOK-6044 1002-017 to 1002-019 Ex-proof certificates: SEV 11 ATEX 0187, L.C.I.E 90.C0005 U, ZELM 99 ATEX 0019X, PTB 04 ATEX 2053; SEV 11 ATEX 0187; GL Certificate No. 42859-02 HH
Remarks	Validity of the GL type approval certificate no.42859-02 HH to be observed

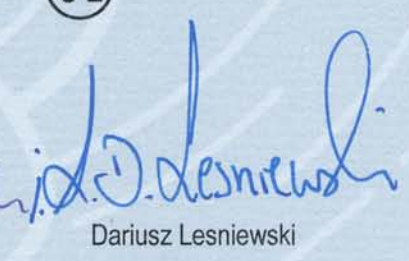
Valid until 2018-06-16
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Hamburg, 2013-06-17

Type Approval Symbol



Germanischer Lloyd


Marco Rinkel


Dariusz Lesniewski