

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. **15 360 - 00 HH**

Company **KFG Level 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 **2018-06-28**

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

Hamburg, 2013-07-15

Type Approval Symbol



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