

# 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. 15 390 - 00 HH

Company Kuk Dong Level Co.  
843-1, Janglim-Dong, Saha-Ku  
Busan 604-842, KOREA, REPUBLIC OF

Product Description Level Switch

Type KD-12..., KD-30..., KD-90...

Environmental Category C

Technical Data / Range of Application Operating principles:  
- KD-12: (H) = Horizontal, (V) = Vertical (p) =N on-flow magnetic switch  
- KD-30: float level reed switch, maximal 6 points  
- KD-90: Displacement magnetic switch

Switch capacity:  
- KD-12: 250 VAC / 3A  
- KD-30: 250 VAC / 0,5 A  
- KD-90: 250 VAC / 15 A

Maximal working pressure:  
- KD-12: 7 bar  
- KD-30: 10 bar  
- KD-90: 10 bar

Maximal working temperature: 120 °C  
Minimum specific gravity: 0,8 (see documentation for exact value)

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

Documents Test report: Korea Institute of Machinery and Metals (KIMM) IM3400250  
dated December 14, 1998; Temperature & Hydraulic pressure test report of KIMM,  
dated May 04, 2000;  
KD-12, KD-30 and KD-90 series drawings

Remarks Additional vibration damping measures might be necessary for long sizes.  
Limitation for the use according to the GL-Rules to be observed.

Valid until 2015-05-25

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Type Approval Symbol



**Germanischer Lloyd**

  
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