



TYPE APPROVAL CERTIFICATE

Certificate No. : HMB06225-MS002 **Initial Approval** : 8th March, 2010.
Product : Level Sensor
Manufacturer : Bedia Motorenttechnik GmbH
Gewerbepark an der A6, Im Erlet 1, D-90518 Altdorf, Germany

Product Description : Capacitive Level Sensor

- Type : GLS50 (HV Type) / GLS55 (LV Type)
- Power supply : 9 ~ 36V DC / 4.5 ~ 18V DC
- Switched Output : Up to 1A DC / Up to 0.5A DC
- Analog Output : Max. load impedance 10 k Ω
- Operating Temp. : -40 ~ 125 °C
- Medium Variants : Conductive fluids, $\epsilon_r = 35 \sim 85$ (Water Sensor)
Non-conductive fluids, $\epsilon_r = 1.8 \sim 6$ (Oil Sensor)
- Protection : IP65 / IP69K

Approval Condition : 1. This approval is granted on the basis of test report no. 08-192 dated on 22th Oct., 2008 by ECL and no. E4.964-1 dated on 25th Aug., 2009 by LGA QualiTest GmbH
2. The product or packing is to be marked with the manufacturer's name and type designation on a suitable position.
3. Individual Product Certification is not required.

THIS IS TO CERTIFY that the above-mentioned product has been approved in accordance with the relevant requirement of this Society's Rules and / or of the recognized standards as follows and entered in the "List of Approved Manufacturers and Type Approved Equipment".

Pt. 6, Ch. 2, Art. 301 of the Rules for Classification, Steel Ships.

This Certificate is valid until 7th March, 2020.
Issued at Busan, Korea on 23rd March, 2015.



KOREAN REGISTER OF SHIPPING

*General Manager of
Marine & Ocean Equipment Team*

Note : 1 : The approval will be automatically suspended and the Certificate become invalid from the expiry date of the Certificate in the event that the extension has not been granted or the renewal of the Certificate is not underway.

2 : The manufacturer should notify this Society of any modification or changes that may affect the validity of this Certificate