



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. **84 476 - 93 HH**

Company **CONTROLMATICA
ZAP-PNEFAL Sp. z o.o.
ul. Krotoszynska 35
63-400 Ostrow Wielkopolski, POLAND**

Product Description **Float level switch**

Type **ERH-01-07; ERH-02-07; ERH-03-07; ERH-04-07
ERH-01-07K; ERH-02-07K; ERH-03-07K; ERH-04-07K**

Environmental Category **A**

Technical Data /
Range of Application **Level control range: 10, 20, 30mm for ERH-01-07
100....400, 50....250mm for ERH-03-07
32....1350mm for ERH-04-07**

Nominal working pressure : 0,2 MPa

Ambient temperature: -25° C.....+75° C

Max. liquid temperature : 70° C

Rated switching voltage Ue : 24 V AC and DC

Rated switching-on current Ie : 2,5 A

Degree of protection : IP 68

Test Standard **Guidelines for the Performance of Type Approvals, Part 2: (2003)**

Documents **ZAP Operation and Maintenance Manual, ZAP Test Report No. 32/92;
No. 4692, ZAP Nr. 4/2000; IEL Gdansk Test Report No. 056/LBS-828/2006
ZAP Drawings: ER4-1044, 43, 42, 45; ER3-1446, ER3-1465 to 146
ER1-1585, ER1-1594**

Remarks **None**

Valid until **2012-08-30**

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Type Approval Symbol



File No. I.D.03

Hamburg, 2007-08-31

Germanischer Lloyd

Wolfgang Voß

Reinhard Fenster

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".