



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. **84 475 - 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-01-06; ERH-02-06; ERH-03-06; ERH-04-06**

Environmental Category **A**

Technical Data /  
Range of Application

Rated pressure of operation:	4,0 MPa for ERH-01-06 to ERH-03-06 1,6 MPa for ERH-04-06
Level control range:	10, 20, 30mm for ERH-01-06 100....400, 50....250mm for ERH-03-06 32....1350mm for ERH-04-06
Ambient temperature:	-25° C....+75° C
Max. liquid temperature:	250° C and 200° C for ERH-02-06
Rated switching voltage Ue :	400 V, 50-60 Hz or 220 V DC
Degree of protection :	IP 66

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

Documents **ZAP Operation and Maintenance Manual, ZAP Test Report No. 32/92  
ZAP Test Report No. 4692, Report of pressure test dated 03.08.93  
IEL Gdansk Report. No. 146/LBS-897/2006  
ZAP Drawings ER4-1003, to 1006; ER3-1464-68; ER1-1585; ER1-1994**

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*  
Wolfgang Voß

*Reinhard Fenster*  
Reinhard Fenster

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