

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. **61 062 - 13 HH**

Company **Pfannenbergl GmbH**
Werner-Witt-Straße 1
21035 Hamburg, GERMANY

Product Description **Sounder, beacon and combined devices**

Type **Serie PATROL and PYRA**

Environmental Category **C, H, EMC1**

Technical Data /
Range of Application **The alarm device family "PATROL" and "PYRA" consist of acoustical and visual components in different performance classes. "PYRA" grouped the visual devices and "PATROL" grouped the acoustical devices as well as the combination of both. The sounders are designed in 3 sizes at which in size 3 are 2 performance classes possible.**

The components covered by this certificate are listed on page 2 and 3.

Ingress protection: IP66 (EN60529), type 4x4

Software name 30300 P0-SWA-V-b (version 1.4); Test report VdS no. 110068-AU01+SW01 for the devices PA1, PA5, PA10, PA20 and PAX1-05.

Environmental Category "H":
Cold test with -25°C / 16h

Test Standard **Guidelines for the Performance of Type Approvals, Chapter 2, Edition 2012**
EN 50130-4:1995 + A1:1998+A2:2002+Corr. 2003, EN 54-3:2001+A1:2002+A2:2006,
EN54-23:2010

Documents **Test reports, Operating and installation instructions, drawings, circuit diagrams, software documentation according to document "Dokumentenübersicht version 24.10.2013"**

Remarks **None**

Valid until **2018-10-31**

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File No. **1.A.06**

Hamburg, 2013-11-01

Type Approval Symbol



Germanischer Lloyd

Marco Rinkel

Klaus-Peter Schröder

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

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PATROL: Sounder and combined devices: Item number: 233 aa bb c ddd

aa	type
10	PA 1: sounder (100dB)
11	PA X 1-05: sounder beacon combined device (100dB/ 5J)
50	PA 5: sounder (105dB)
51	PA X 5-05: sounder beacon combined device (105dB/ 5J)
52	PA X 5-10: sounder beacon combined device (105dB/ 10J)
60	PA 10: sounder (110 dB)
61	PA X 10-10: sounder beacon combined device (110dB/ 10J)
62	PA X 10-15: sounder beacon combined device (110dB/ 15J)
70	PA 20: sounder (120 dB)
71	PA X 20-10: sounder beacon combined device (120dB/ 10J)
72	PA X 20-15: sounder beacon combined device (120dB/ 15J)
bb	rated voltage
10	230V AC
15	115V AC
30	24V AC
63	PA1 + PA5: 10V – 57V DC, PA10 + PA20: 10 – 60V DC
64	PA10 + PA20: 95V – 265V AC
70	48V DC
80	24V DC
85	12V DC
c	signal color
0	none
1	clear
2	white
3	yellow
4	orange
5	red
6	green
7	blue

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File No. **I.A.06**

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ddd	design GL
001	housing RAL3000 (red), standard
038	spezial tones
056	housing RAL 7035 (grey)
057	option –SSM, housing RAL 7035 (grey)
058	option –SSM
059	option –SSM, housing RAL 9003 (white)
060	housing RAL 9003 (white)

Position ddd can obtain differing number for fitting variations based on above coded items.

PYRA: GL beacon: Item number: 215 aa bb c ddd

aa	type
10	PY X-S-05: Xenon beacon (5J)
bb	rated voltage
10	230V AC
15	115V AC
30	24V AC
70	48V DC
80	24V DC
85	12V DC
c	signal color
1	clear
2	white
3	yellow
4	orange
5	red
6	green
7	blue
ddd	design GL
001	housing RAL3000 (red), standard
056	housing RAL 7035 (grey)
057	option –SSM, housing RAL 7035 (grey)
058	option –SSM
059	option –SSM, housing RAL 9003 (white)
060	housing RAL 9003 (white)

Position ddd can obtain differing number for fitting variations based on above coded items.

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