INSTALLATION NOTE MSS 300 WH-EC

CE 07

Fixing notes

The sounder base is designed for surface mounting and is provided for rear and surface cable entry. The sounder insert has to be removed before fixing the mounting base. To release the sounder insert, fixing clamps have to be pushed in direction of the arrows (Fig.2). For rear cable entry, conduit box mounting, feed the cable through the openings. For surface cable feed, please break out the prepared cable entries. Install the mounting base with two screws on a flat dry surface. Therefore, only the prepared fixing bores may be used (see Fig. 2)!

Technical Data

Dimensions:	see Figure 1 and Figure 2
IP-Rating (as per EN 60529):	IP30
Environmental category:	Type A
Operating temperature:	-10°C . . . +55°C
Storage temperature:	-25°C . . . +85°C
Housing material:	ABS plastics

Terminals: In and Out, for wires 0,28 - 2,5mm^2
Operating voltage: 9V-15V DC / 15V-28V DC
Current consumption: 3mA up to 20mA, ± 2mA (in alarm and depending on the selected tone)
Bosch order number: 4.998.120.501
CPD-Number: 0786-CPD-20185
EN54-3

Figure 1: Dimensions

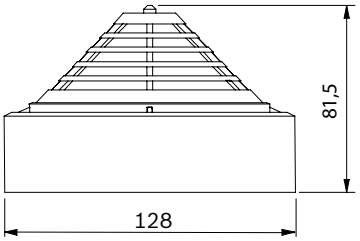


Figure 2: Installation details

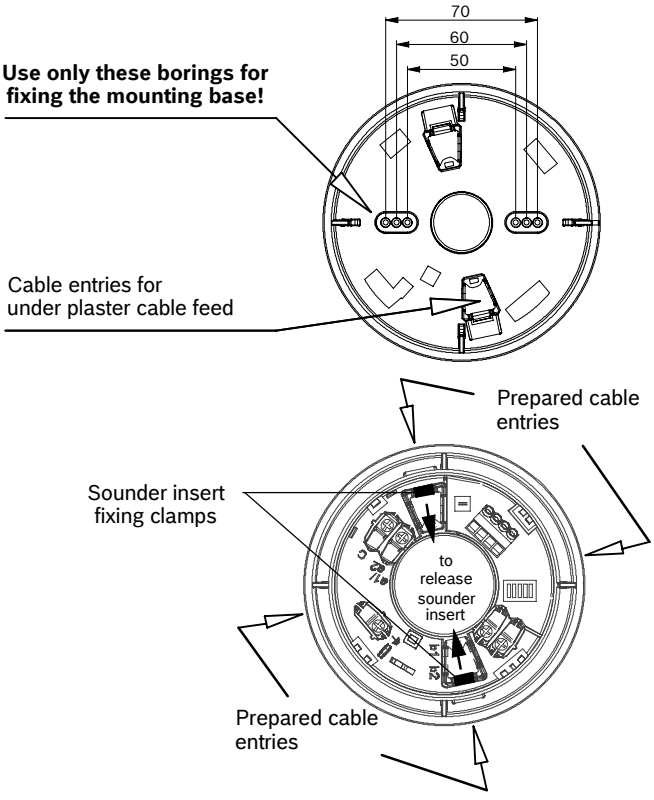


Figure 3: Mounting order

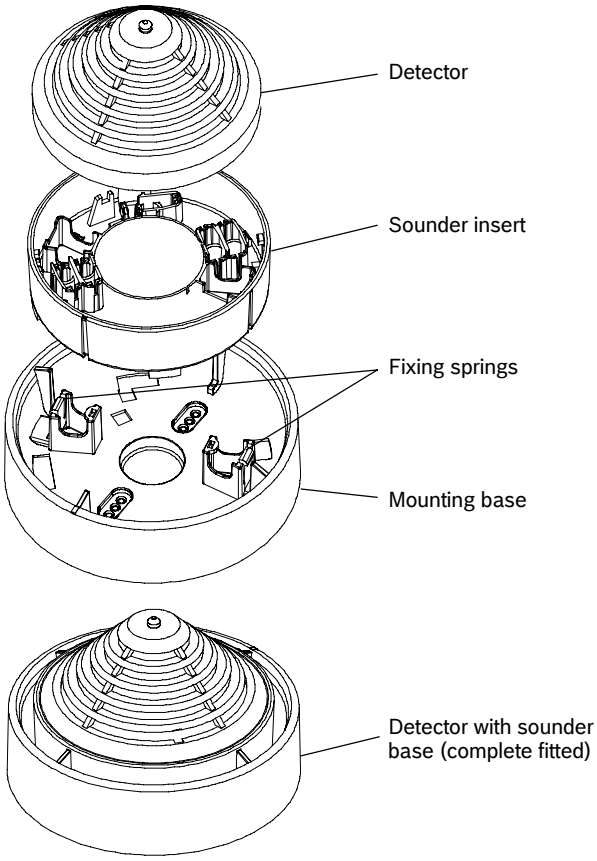
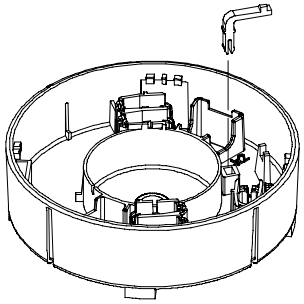


Figure 4: Detector locking spring



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Tone table

The sounder provides 11 tones with an additional second toneoption (see table below). Tone selection is via the integrated DIP switches. Volume setting follows infinitely variable via a potentiometer. Both tones can be activated separately, whereby a subsequently activation of the second tone switches off the first tone. Only if the sounder volume is set to the maximum level, the certified sound (no. 1) comply with EN54-3. Certified sound measurements are listed in *Bulletin_Sound_Pressure_Level_EN54-3.pdf* (F.01U.315.263). This document can be obtained from the manufacturer.

Tone	Bin. Code	Tone type Description	Frequency Modulation	2. tone	Current consumption at 24V [mA] ± 2 mA	Sound intensity [dB(A)] ± 2 dB
1	1111	Sweeping, DIN - tone	1200 - 500 Hz 1Hz	970 Hz, Continous	20	96
2	1110	Sweeping (LF) BS 5839, Teil 1, 1988	800 / 970 Hz 1Hz	970 Hz, Continous	19	100
3	1101	Sweeping, Australian tone, AS 2220	2400-2850 Hz 7Hz	970 Hz, Continous	19	95
4	1100	Sweeping for 3,5s, 0,5s off. Dutch tone	500-1200 Hz	970 Hz, Continous	18	97
5	1011	Continous, BS 5839, Part 1, 1988	970 Hz	610 Hz, Continous	19	97
6	1010	Alternating tone, French tone	554 Hz 100mS 440 Hz 400mS	970 Hz, Continous	20	97
7	1001	Continous, Schwedish tone	660 Hz	970 Hz, Continous	20	97
8	1000	Alternating tone, Low power	580 / 1000 Hz 1Hz	610 Hz, Continous	4	91
9	0111	Pulsed tone, Low power	580 Hz at 2Hz	610 Hz, Continous	3	87
10	0110	USA temporal 3 tone ISO 8201	610 Hz	970 Hz, Continous	13	99
11	0101	USA temporal 3 tone ISO 8201	2850 Hz	970 Hz, Continous	19	94

Terminal assignment

Clamp	Description
a1 / a2	L . . . a (GLT) / LSN -
b1 , b2	L . . . b (GLT) / LSN +
c	Remote indicator output wire length max. 3m
⏚	screen wire (has to be isolated and as short as possible) Unshielded cable can be used.
red	24V DC power supply for the first and the second tone.
red	
black	Clamps for activating the 1st tone. (connection via 0V)
black	
blue	Clamps for activating the 2nd tone. (connection via separate 0V)
blue