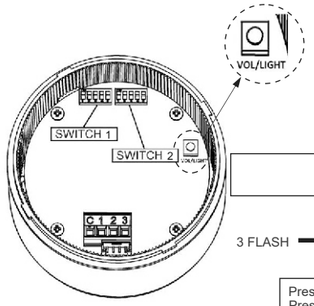
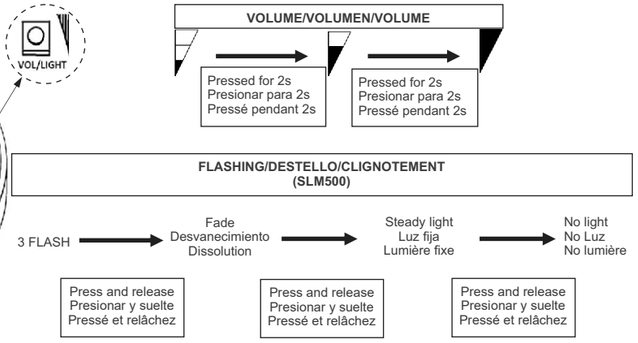
SETTING EXAMPLE

ON=1
OFF=0

1 1 1 1 1
SWITCH 1: *DING DONG*
SWITCH 2: *DING DONG*





SW1

SWITCH 1 TONES										
N°	TONE	TONE TYPE	F(Hz)	TIMES	DESCRIPTION	DIP SWITCH				
1	Bi-tone		600 700	0.5s/0.5s	STANDARD	0	0	0	0	0
2	Bi-tone		440 560	0.565s/0.565s	STANDARD EVACUATION	0	0	0	0	1
3	Bi-tone		800 970	0.25s/0.25s	BS5839 1:2002	0	0	0	1	0
4	Bi-tone		800 970	0.8s/0.8s	GENERAL PURPOSE	0	0	0	1	1
5	Bi-tone		1000 2000	1s/1s	GENERAL PURPOSE	0	0	1	0	0
6	Intermittent		420	0.625s ON/0.625s OFF	AUSTRALIA AS1670 ALERT TONE	0	0	1	0	1
7	Intermittent		660	0.15s ON/0.15s OFF	SWEDISH (AIR RAID)	0	0	1	1	0
8	Intermittent		660	1.8s ON/1.8s OFF	SWEDISH (LOCAL WARNING)	0	0	1	1	1
9	Intermittent		660	0.5s ON/0.5s OFF	SWEDISH GENERAL PURPOSE	0	1	0	0	0
10	Intermittent		720	0.7s ON/0.3s OFF	GENERAL PURPOSE	0	1	0	0	1
11	Intermittent		750	0.33s ON/0.5s OFF	GENERAL PURPOSE	0	1	0	1	0
12	Intermittent		800	0.25s ON/1s OFF	GENERAL PURPOSE	0	1	0	1	1
13	Intermittent		970 800	0.35s/0.35s/0,35s OFF X 3 1.5s OFF	ISO 8201	0	1	1	0	0
14	Intermittent		970	0.5s ON/0.5s OFF X 3 1.5s OFF	ISO 8201 LOW TONE	0	1	1	0	1
15	Intermittent		970	0.25s ON/0.25s OFF	GENERAL PURPOSE	0	1	1	1	0
16	Intermittent		2850	1s ON/1s OFF	GENERAL PURPOSE	0	1	1	1	1
17	Intermittent		2850	0.25s ON/0.25s OFF	GENERAL PURPOSE	1	0	0	0	0
18	Linear		300		GENERAL PURPOSE	1	0	0	0	1
19	Linear		660		SWEDISH (ALL CLEAR)	1	0	0	1	0
20	Linear		750		GENERAL PURPOSE	1	0	0	1	1
21	Linear		2850		GENERAL PURPOSE	1	0	1	0	0
22	Sweep		500 1200	3.5s ON/0.5s OFF	NETHERLANDS-NEN2575:2000	1	0	1	0	1
23	Sweep		500 1200	0.5s ON/0.5s OFF X 3 1.5s OFF	AUSTRALIA AS1670	1	0	1	1	0
24	Sweep		800 970	0.5s ON/0.5s OFF X 3 1.5s OFF	ISO 8201	1	0	1	1	1
25	Sweep		1000 1700	CYCLE 0.25s	STANDARD	1	1	0	0	0
26	Sweep		1000 1700	CYCLE 0.8s	STANDARD	1	1	0	0	1
27	Sinusoidal		1000 - 3000	CYCLE 0.64s	STANDARD	1	1	0	1	0
28	Chime		700 - 600	0.4s/0.7s	SINGLE SHOT DING DONG	1	1	0	1	1
29	White Noise		Random		STANDARD	1	1	1	0	0
30	Intermittent White Noise		Random 0.5s ON/0.5 s OFF		STANDARD	1	1	1	0	1
31	Ding Dong		700 - 600	0.9s/1.4s/1s OFF	REPEATING DING DONG	1	1	1	1	0
32	Ding Dong		554 440	0.9s/1.4s/1s OFF	REPEATING DING DONG	1	1	1	1	1

SW2

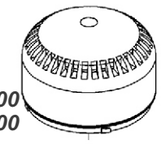
SWITCH 2 TONES										
N°	TONE	TONE TYPE	F(Hz)	TIMES	DESCRIPTION	DIP SWITCH				
33	Bi-tone		480 610	0.5s/0.5s	GENERAL PURPOSE EVACUATION 1	0	0	0	0	0
34	Bi-tone		970 630	0.5s/0.5s	APOLLO FIRE SYSTEM BS5839	0	0	0	0	1
35	Bi-tone		554 440	0.1s/0.4s	FRANCE AFNOR NF S 32 001	0	0	0	1	0
36	Bi-tone		440 554	0.5s/0.5s	GENERAL PURPOSE	0	0	0	1	1
37	Bi-tone		510 610	0.5s/0.5s	GENERAL PURPOSE	0	0	1	0	0
38	Bi-tone		510 610	1s/1s	GENERAL PURPOSE	0	0	1	0	1
39	Bi-tone		600 700	1s/1s	GENERAL PURPOSE	0	0	1	1	0
40	Bi-tone		550 1000	0.5s/0.5s	GENERAL PURPOSE	0	0	1	1	1
41	Bi-tone		550 1000	1s/1s	GENERAL PURPOSE	0	1	0	0	0
42	Bi-tone		800 1000	0.5s/0.5s	GENERAL PURPOSE	0	1	0	0	1
43	Bi-tone		800 1000	1s/1s	GENERAL PURPOSE	0	1	0	1	0
44	Bi-tone		1000 2000	0.5s/0.5s	GENERAL PURPOSE	0	1	0	1	1
45	Bi-tone		2400 2850	0.265s/0.265s	GENERAL PURPOSE	0	1	1	0	0
46	Bi-tone		2400 2850	0.465s/0.465s	GENERAL PURPOSE	0	1	1	0	1
47	Bi-tone		640 970	0.5s/0.5s	GENERAL PURPOSE	0	1	1	1	0
48	Bi-tone		490 610	0.25s/0.25s	GENERAL PURPOSE	0	1	1	1	1
49	Linear		610		GENERAL PURPOSE EVACUATION 2	1	0	0	0	0
50	Linear		500		GENERAL PURPOSE	1	0	0	0	1
51	Linear		970		BS5839 1:2002	1	0	0	1	0
52	Intermittent		490	0.5s ON/1s OFF	GENERAL PURPOSE WARNING	1	0	0	1	1
53	Intermittent		544	0.625s ON/0.625s OFF	GENERAL PURPOSE	1	0	1	0	0
54	Intermittent		660	6.5s ON/13s OFF	SWEDISH (PRE-MESS)	1	0	1	0	1
55	Intermittent		970	1s ON/1s OFF	APOLLO FIRE SYSTEM BS5839	1	0	1	1	0
56	Intermittent		2850	0.5s ON/0.5s OFF X 3 1.5s OFF	ISO 8201 HIGHT TONE	1	0	1	1	1
57	Sweep		500 1200	CYCLE 3.75s/0.25s OFF	AS2220	1	1	0	0	0
58	Sweep		1400 1600	CYCLE 1.5s	NF 48-265	1	1	0	0	1
59	Sweep		800 970	CYCLE 1.5s	BS5839 1:2002	1	1	0	1	0
60	Sweep		1200 500	CYCLE 1s	DIN 33 404	1	1	0	1	1
61	Chime 2 single		554 440	0.35s/0.7s	SINGLE SHOT DING DONG	1	1	1	0	0
62	White Noise		Random		STANDARD	1	1	1	0	1
63	Sinusoidal		500 2500	CYCLE 0.32s	STANDARD	1	1	1	1	0
64	Ding Dong		554 440	0.45s/0.7s/0.5s OFF	REPEATING DING DONG	1	1	1	1	1

FEDERAL SIGNAL
Safety and Security Systems

SLM500 - SLM700

IP 65 Class 2

INSTALLATION AND APPLICATION INSTRUCT IONS
INSTRUCCIONES DE INSTALACIÓN Y EMPL - INSTRUCTIONS D' INSTALLATION ET D' UTILISA TION

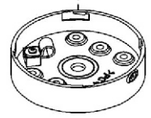


SLM500
SLM700

c UL us
E162485 E4813
AUD. AND VIS. APPLIANCE
ENCLOSURE TYPE 3R
FOR INDOOR/OUTDOOR

Bases

Shallow

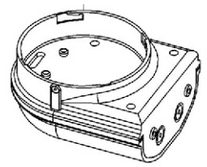


SLMBS-012-024

Deep

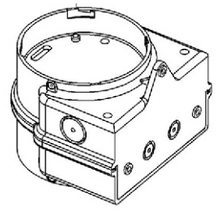
SLMBD-012-024
SLMBD-120-240

Wall



SLMBW-012-024
SLMBW-120-240

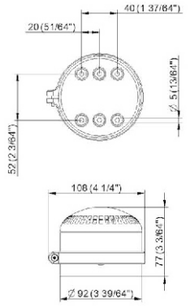
Twin



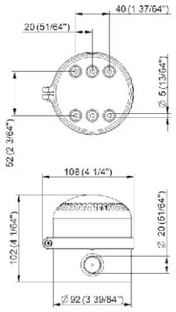
SLMBT-012-024
SLMBT-120-240

Pipe

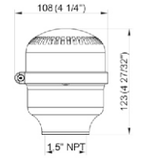
SLMBP-012-024
SLMBP-120-240



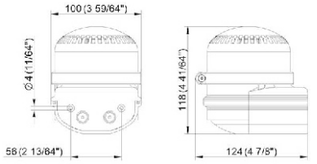
SLM500 + SLMBS
SLM700 + SLMBS



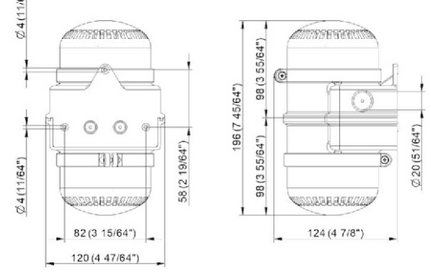
SLM500 + SLMBD
SLM700 + SLMBD



SLM500 + SLMBP
SLM700 + SLMBP



SLM500 + SLMBW
SLM700 + SLMBW



SLM500 + SLMBT
SLM700 + SLMBT

SLM700

V ⎓	12	-	24	-
V ∿	-	12	-	24
mA	85	280	60	190
dB(A)1m*	86 ÷ 105			

SLM500

V ⎓	12	-	24	-
V ∿	-	12	-	24
mA	315	375	280	325
dB(A)1m*	86 ÷ 105			

All dims in mm unless otherwise noted
Todas las dimensiones son en mm, salvo que sea indicado de otra manera
Toutes les dimensions sont en mm, sauf indication contrarie

SLM700 with 120-240V base

V ∿	120-240	
mA	125	90
dB(A)1m*	87-105	

SLM500 with 120-240V base

V ∿	120-240	
mA	205	115
dB(A)1m*	87-105	

*Not evaluated by UL.
*No evaluado por UL.
*Non évalué par UL.

FUSE WIRE PROTECTION	On the power supply line the rating of the supply fuse must be according to the voltage
FUSIBLE DE PROTECCIÓN	En la línea de alimentación emplear fusibles de seguridad adecuados al voltaje
FUSIBLE DE PROTECTION	Sur la ligne d'alimentation utiliser des fusibles retardés dimensionnés selon la tension

TO BE INSTALLED BY QUALIFIED PERSONNEL ONLY
LA INSTALACIÓN SÓLO DEBE SER REALIZADA POR PERSONAL CUALIFICADO - L'INSTALLATION DOIT ETRE EFFECTUEE PAR PERSONNEL QUALIFIE

NOT TO BE DISPOSED OF AS COMMON WASTE - NO ELIMINAR COMO DESECHO URBANO - NE PAS ELIMINER COMME DECHET URBAIN

FEDERAL SIGNAL
Safety and Security Systems
2645 Federal Signal Drive University Park, IL 60484 United States
Phone: 708-534-4756 Fax: 708-534-4852 www.fedsig.com signalsupport@fedsig.com

04/2022 - Ref. 25500134 REV B

ATTENTION	The possibility exists that rapid flashing lights, under certain circumstances, might induce photosensitive epilepsy
ATENCIÓN	Existe la posibilidad que luces de intermitencia rápida, en determinadas circunstancias, podrían inducir epilepsia fotosensible
ATTENTION	Il est possible que des feux clignotants rapides, dans certaines circonstances, peuvent induire épilepsie photosensible

ATTENTION	Disconnect power before servicing
ATENCIÓN	Desconecte la corriente antes de abrir el producto
ATTENTION	Débranchez l'alimentation avant de toute intervention sur le produit

⚠

C ÷ 2 has priority over C ÷ 1
C ÷ 2 tiene prioridad en C ÷ 1
C ÷ 2 est prioritaire sur C ÷ 1

C ÷ 3 has priority over C ÷ 2 and C ÷ 1
C ÷ 3 tiene prioridad en C ÷ 2 y C ÷ 1
C ÷ 3 est prioritaire sur C ÷ 2 et C ÷ 1

C ÷ 5 has priority over C ÷ 4
C ÷ 5 tiene prioridad en C ÷ 4
C ÷ 5 est prioritaire sur C ÷ 4

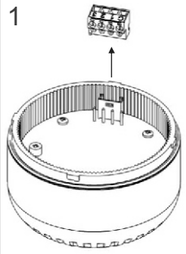
C ÷ 6 has priority over C ÷ 5 and C ÷ 4
C ÷ 6 tiene prioridad en C ÷ 5 y C ÷ 4
C ÷ 6 est prioritaire sur C ÷ 5 et C ÷ 4

12-24VAC/DC BASE WIRING

For devices rated 12-24 Vac/Vdc only: Power supply shall be connected to a "Class 2" or "Limited Voltage Limited Current (LVLC)" source only
Sólo para dispositivos con voltaje 12-24 Vac / Vdc: la alimentación tiene que ser conectada sólo a una fuente "Clase 2" o "voltaje limitado corriente limitada (LVLC)"
Que pour dispositifs avec tension 12-24 Vac / Vdc: l'alimentation doit être branchée seulement à une source "Classe 2" ou "voltage limité courant limité (LVLC)"

SLMBS-012-024 (Shallow) / SLMBD-012-024 (Deep) / SLMBW-012-024 (Wall) / SLMBT-012-024 (Twin) / SLMBP-012-024 (Pipe) 12-24VAC/DC

1



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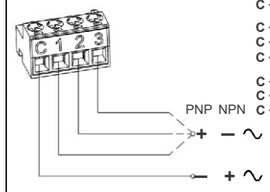
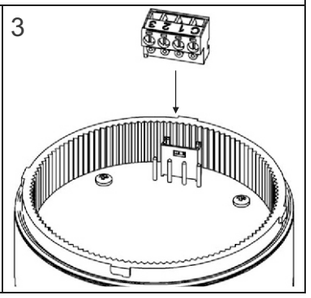


C ÷ 1 (only SLM500 version): LED flashing light
C ÷ 1 (únicamente para la versión SLM500): Luz intermitente de LED
C ÷ 1 (seulement pour version SLM500): Lumière à LED clignotante
C ÷ 1 SLM700: No function - ninguna funcion - aucune fonction

C ÷ 2: LED flashing light (SLM500 version) + SWITCH 1 sound
C ÷ 2: Luz intermitente de LED (versión SLM500) + Sonido SWITCH 1
C ÷ 2: Lumière à LED clignotante (version SLM500) + son SWITCH 1

C ÷ 3: LED steady light (SLM500 version) + SWITCH 2 sound
C ÷ 3: Luz fija de LED (versión SLM500) + Sonido SWITCH 2
C ÷ 3: Lumière à LED fixe (version SLM500) + son SWITCH 2

3

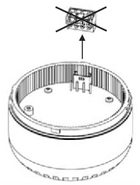


Note: Do not connect 120VAC/240VAC directly to SLM500/700 unit.
120VAC/240VAC is only to be connected to compatible AC base.

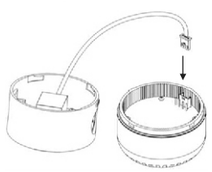
120-240VAC BASE WIRING

SLMBD-120-240 (Deep) / SLMBW-120-240 (Wall) / SLMBP-120-240 (Pipe) 120-240V AC

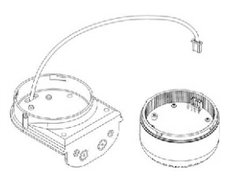
1



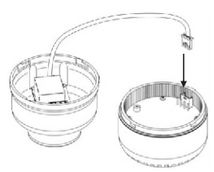
2 ***Deep***



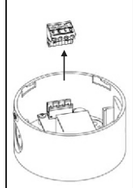
2 ***Wall***



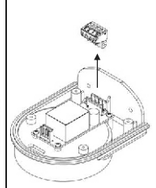
2 ***Pipe***



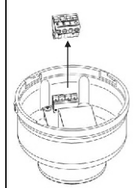
3 ***Deep***



3 ***Wall***



3 ***Pipe***



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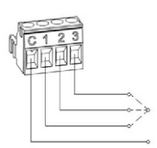


C ÷ 1

(for SLM500 only): LED flashing light
(únicamente para la versión SLM500): Luz intermitente de LED
(seulement pour version SLM500): Lumière à LED clignotante
SLM700: No function - ninguna funcion - aucune fonction

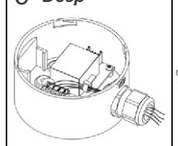
C ÷ 2

LED flashing light (SLM500 version) + SWITCH 1 sound
Luz intermitente de LED (versión SLM500) + Sonido SWITCH 1
Lumière à LED clignotante (version SLM500) + son SWITCH 1

C ÷ 3

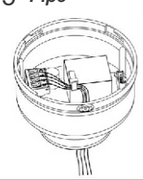
LED steady light (SLM500 version) + SWITCH 2 sound
Luz fija de LED (versión SLM500) + Sonido SWITCH 2
Lumière à LED fixe (version SLM500) + son SWITCH 2

5 ***Deep***



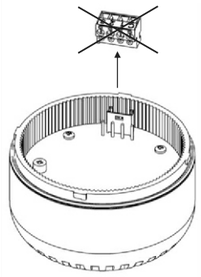
5 ***Wall***

5 ***Pipe***



SLMBT-120-240 (Twin) 120-240VAC

1



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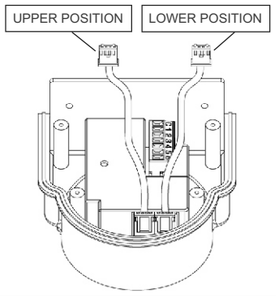

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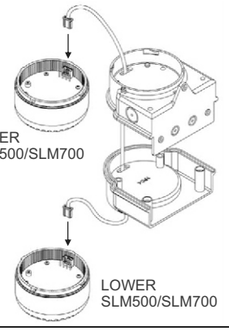

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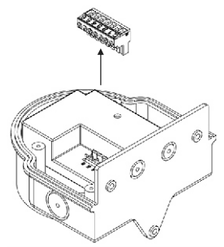

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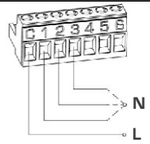


C ÷ 1

(for SLM500 only): LED flashing light (3 FLASH)
(únicamente para la versión SLM500): Luz intermitente de LED (3 FLASH)
(seulement pour version SLM500): Lumière à LED clignotante (3 FLASH)
SLM700: No function - ninguna funcion - aucune fonction

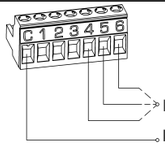
C ÷ 2

LED flashing light (3 FLASH) (SLM500 version) + SWITCH 1 sound (VOL MAX)
Luz intermitente de LED (3 FLASH) (versión SLM500) + Sonido SWITCH 1 (VOL MAX)
Lumière à LED clignotante (3 FLASH) (version SLM500) + son SWITCH 1 (VOL MAX)

C ÷ 3

LED steady light (SLM500 version) + SWITCH 2 sound (VOL MAX)
Luz fija de LED (versión SLM500) + Sonido SWITCH 2 (VOL MAX)
Lumière à LED fixe (version SLM500) + son SWITCH 2 (VOL MAX)

5



C ÷ 4

(for SLM500 only): LED flashing light (3 FLASH)
(únicamente para la versión SLM500): Luz intermitente de LED (3 FLASH)
(seulement pour version SLM500): Lumière à LED clignotante (3 FLASH)
SLM700: No function - ninguna funcion - aucune fonction

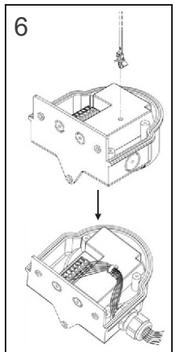
C ÷ 5

LED flashing light (3 FLASH) (SLM500 version) + SWITCH 1 sound (VOL MAX)
Luz intermitente de LED (3 FLASH) (versión SLM500) + Sonido SWITCH 1 (VOL MAX)
Lumière à LED clignotante (3 FLASH) (version SLM500) + son SWITCH 1 (VOL MAX)

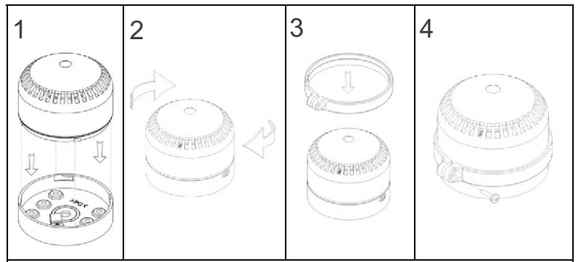
C ÷ 6

LED steady light (SLM500 version) + SWITCH 2 sound (VOL MAX)
Luz fija de LED (versión SLM500) + Sonido SWITCH 2 (VOL MAX)
Lumière à LED fixe (version SLM500) + son SWITCH 2 (VOL MAX)

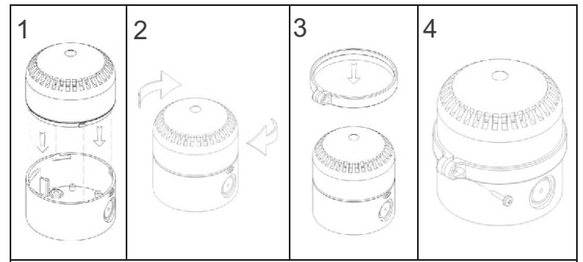
6



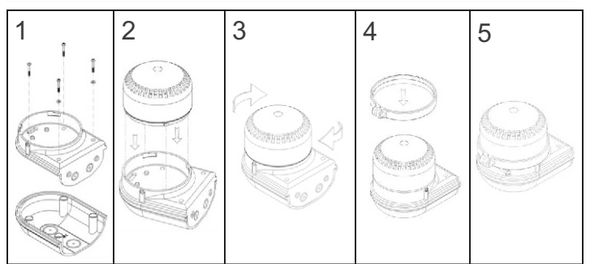
DOME TIGHTENING/APRIETE DE LA CÚPULA/SERRAGE DU DÔME



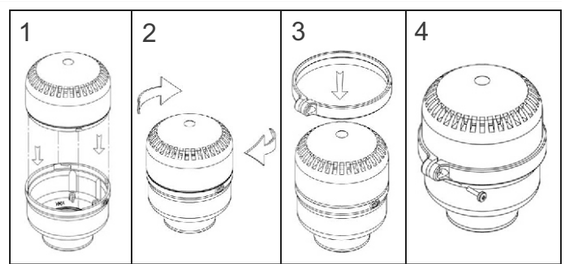
(SLM500/SLM700) + SLMBS (Shallow)



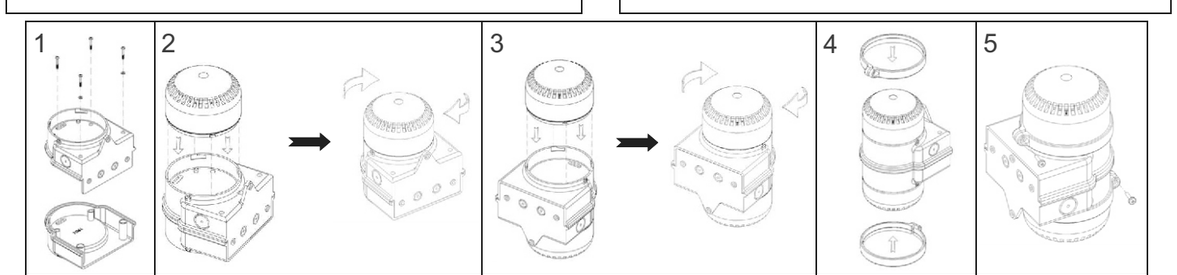
(SLM500/SLM700) + SLMBD (Deep)



(SLM500/SLM700) + SLMBW (Wall)



(SLM500/SLM700) + SLMBP (Pipe)



(SLM500/SLM700) + SLMBT (Twin)