



# Beacon series R

-30°C to +60°C (-22°F to +140°F)



## Auer Signal



### WARNING

Device has to be installed or serviced by qualified electrical personnel only! Disconnect from power source to prevent electrical shock! Check power supply voltage and frequency before installation!

### AVERTISSEMENT

L'appareil doit être installé ou entretenu uniquement par du personnel qualifié en électricité ! Débranchez l'appareil de la source d'alimentation pour éviter tout choc électrique ! Vérifiez la tension et la fréquence de l'alimentation électrique avant l'installation !

### WARNUNG

Installation ausschließlich durch ausgebildete Elektrofachkräfte! Bei Installations- oder Wartungsarbeiten Spannungsfreiheit sicherstellen! Versorgungsspannung und -frequenz vor Installation prüfen!

### AVVERTENZA

L'installazione o la manutenzione dell'apparecchio deve essere effettuata esclusivamente da personale elettrico qualificato! Scollegare la fonte di alimentazione per evitare scosse elettriche! Controllare la tensione e la frequenza di alimentazione prima dell'installazione!

### ATENÇÃO

O dispositivo tem de ser instalado ou reparado apenas por pessoal eléctrico qualificado! Desligue-se da fonte de energia para evitar choques eléctricos! Verifique a tensão e frequência da alimentação antes da instalação!

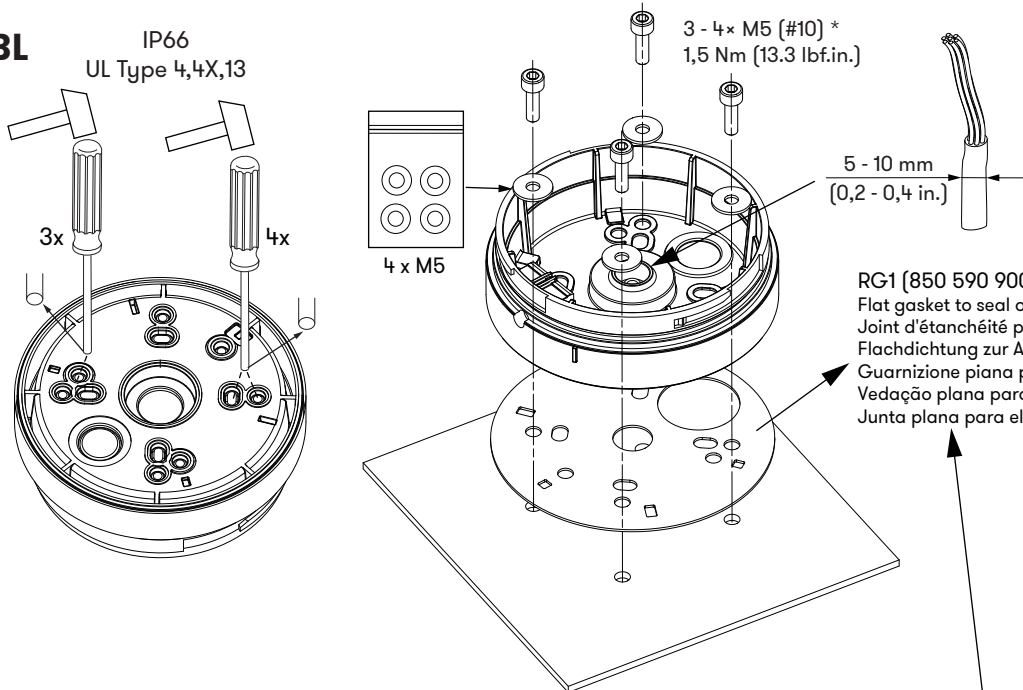
### ATENCIÓN

¡El dispositivo debe ser instalado o reparado solamente por personal eléctricamente cualificado!  
¡Descóncetelo de la alimentación eléctrica para prevenir una descarga! ¡Verifica el voltaje y frecuencia antes de su instalación!

FOR USE ON A FLAT RIGID SURFACE OF INDICATED TYPE ENCLOSURE  
À UTILISER SUR UNE SURFACE PLANE DE L'ENCEINTE DU TYPE INDICUÉ  
ZUR VERWENDUNG AUF EINER FLACHEN OBERFLÄCHE DES ANGEGEBENEN GEHÄUSETYPUS  
DA UTILIZZARE SU UNA SUPERFICIE PIANA DEL TIPO DI CUSTODIA INDICATO  
PARA USO SOBRE LA SUPERFICIE PLANA DE UN ENVOLVENTE DEL TIPO INDICADO  
PARA USO EM SUPERFÍCIE PLANA NO TIPO DE PROTEÇÃO INDICADA

\* SCREWS NOT SUPPLIED  
VIS NON FOURNIES  
SCHRAUBEN SIND NICHT ENTHALTEN  
VITI NON FORNITE  
PARAFUSOS NÃO INCLUIDOS  
TORNILLOS NO SUMINISTRADOS

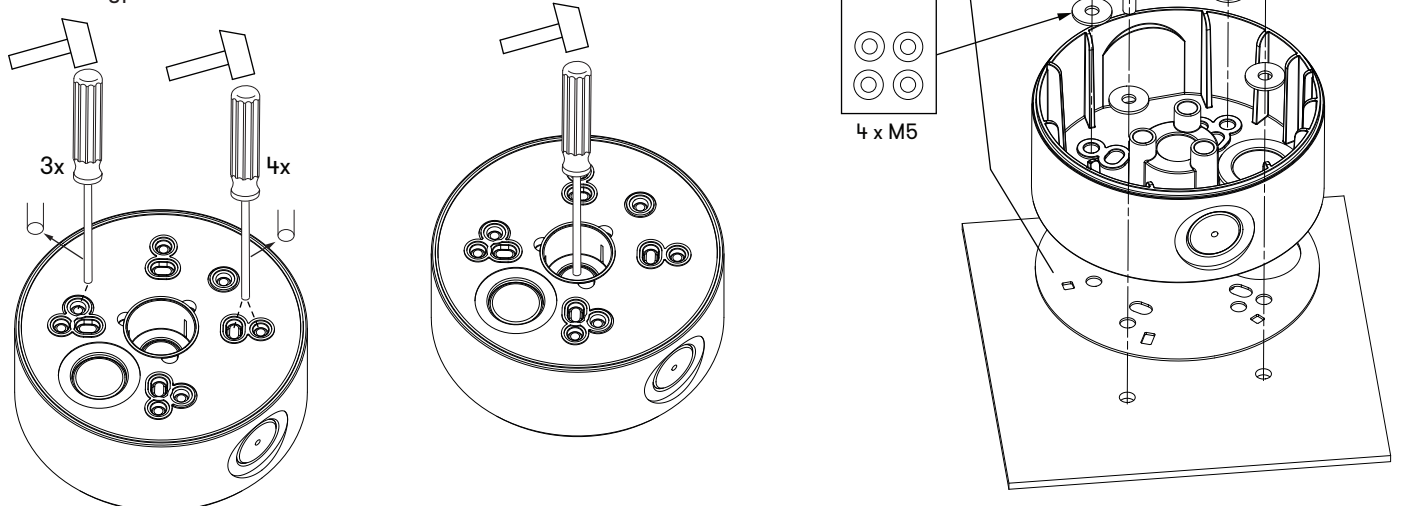
### RBL IP66 UL Type 4, 4X, 13



#### RG1 (850 590 900)

Flat gasket to seal on smooth enclosures  
Joint d'étanchéité plat utilisable sur boîtiers lisses  
Flachdichtung zur Abdichtung auf glatten Gehäusen  
Guarnizione piana per l'impermeabilizzazione sugli alloggiamenti lisci  
Vedação plana para vedar em compartimentos lisos  
Junta plana para el sellado en carcacas lisa

### RBH IP66 UL Type 4, 4X, 13





**WARNING**

**AVERTISSEMENT**

**WARNUNG**

**AVVERTENZA**

**ATENÇÃO**

**ADVERTENCIA**

Do not use strobe lights around anyone suffering from cerebral disorders (epilepsy). Strobe lights may cause seizures to occur.

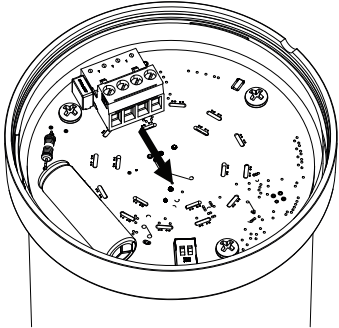
Ne pas utiliser de stroboscopique à proximité de personnes souffrant de problèmes cérébraux (épilepsie), afin d'éviter tout risque de crise.

Verwenden Sie keine Blitzleuchten-Module im Nahbereich von Personen die an Epilepsie leiden.

Non usare luci stroboscopiche nelle vicinanze di persone sofferenti di epilessia.

Não usar luzes strobe perto de pessoas sofrendo de problemas cerebrais (epilepsia). Estas luzes podem provocar um ataque.

No utilizar luz estroboscópica alrededor de personas con problemas cerebrales (epilepsia). La luz estroboscópica puede causar ataques epilépticos.



**RDC**

N	1	
N	L	steady

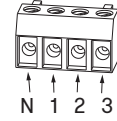
**12V DC:**

**N.. (-)**

**L.. (+)**

**RCMM**

DIP switch position



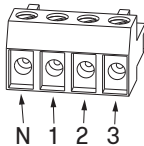
N	1	2	3				
N	L			Green	Green	Green	Green
N		L		Yellow	Amber blink	Amber blink	Amber blink
N			L	Red	Red blink	Red blink	Red blink
N	L	L		Blue	Green beat	Green beat	Green beat
N	L		L	Turquoise	Red flash 6-times 1,0 Hz	Red flash 6-times 1,0 Hz	Red flash 6-times 1,0 Hz
N		L	L	Magenta	White beat	White low (-50%)	Blue blink
N	L	L	L	White	White	White	White beat

**RCMD**

La	N	Lb		Waveform	Frequency
L	N			flashing	2,0 Hz
	N	L		6-times	1,0 Hz
L	N	L		steady	
	N			2-times	1,4 Hz
	N	L		7,5 Hz	
L	N	L		2-times	1,0 Hz

**RMM**

N	1	2	3	N	1	2	3
N	L			Green			
N		L		Yellow			
N			L	Red			
N	L	L		Blue			
N	L		L	Turquoise			
N		L	L	Magenta			
N	L	L	L	White			



0.56 Nm  
UL: (5 lb.in.)

7 mm  
(0.28")  
Max. 2.5 mm<sup>2</sup>  
(Max. #14 AWG)

**RDM, RDMHP, RDMUP**

N	1	2	3				
N	L			Steady 100%	Rotating (1) 180rpm	Strobe (1) 1,4Hz	Steady 100%
N		L		Flashing 2Hz	Rotating (2) 180rpm	Flashing 2Hz	Steady Dim 50%
N			L	Strobe (6) 1 Hz	Rotating (2) 90rpm	Flashing 4Hz	Steady Dim 25%
N	L	L		Strobe (2) 1 Hz	Rotating (1) 90rpm	Steady 100%	Pulse 1,725s
N	L		L	Flashing 4Hz	Steady 100%	Strobe (2) 1Hz	Strobe (6) 1Hz
N		L	L	Rotating (1) 180rpm	Strobe (1) 1Hz	Rotating (1) 180rpm	Strobe (2) 1Hz
N	L	L	L	Pulse 1,725s	Pulse 3,75s	Pulse 3,75s	Pulse 3,75s

Steady

Flashing

Strobe (1)

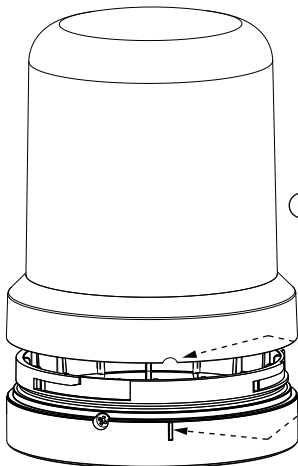
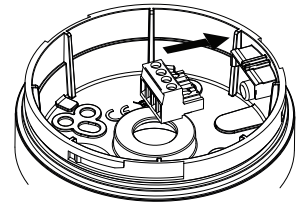
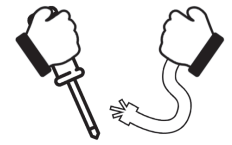
Strobe (2)

Strobe (6)

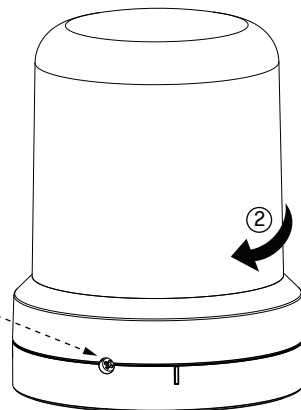
Rotating (1)

Rotating (2)

Pulse

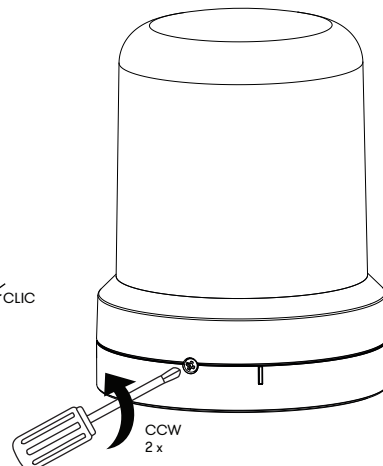


①



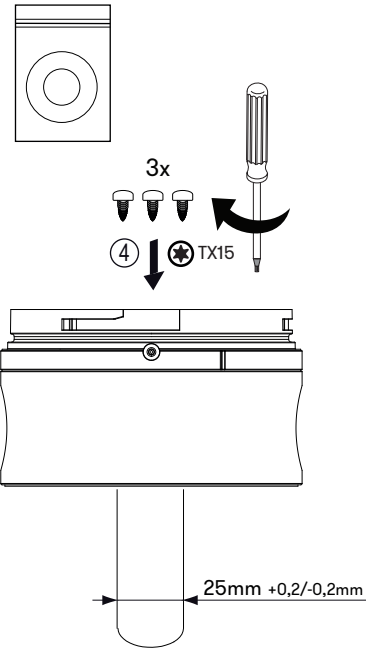
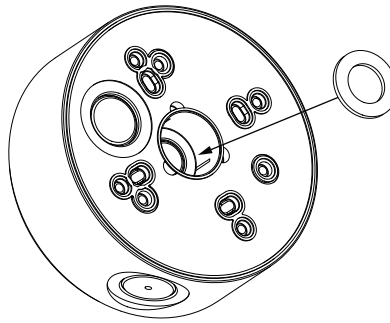
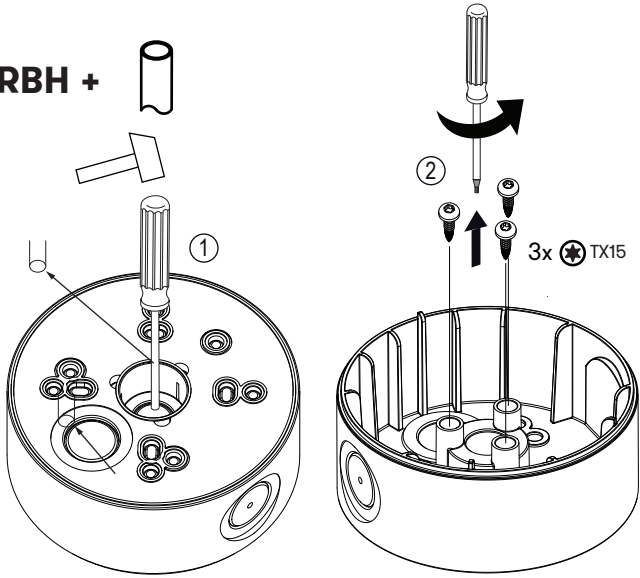
②

CLIC

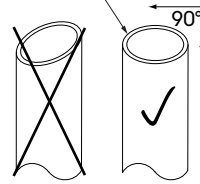


CCW  
2 x

**RBH +**



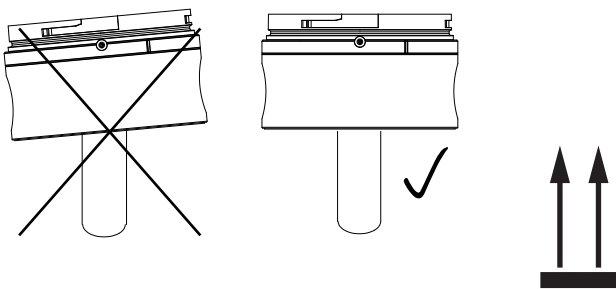
No burr  
Pas de bavure  
Kein Grat  
Nessuna Sbravatura  
Sem rebarbas  
Sin Rebabas



IP54  
UL Type 12

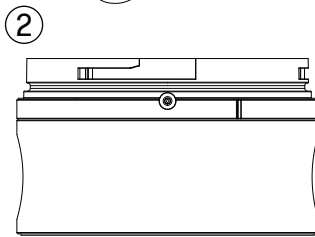
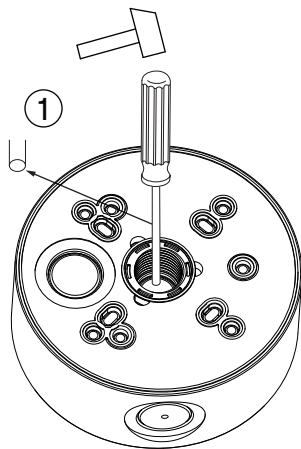
IP52  
UL Type 1

IP52  
UL Type 1

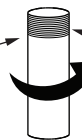


**RBNPT**

IP66  
UL Type 4, 4X, 13

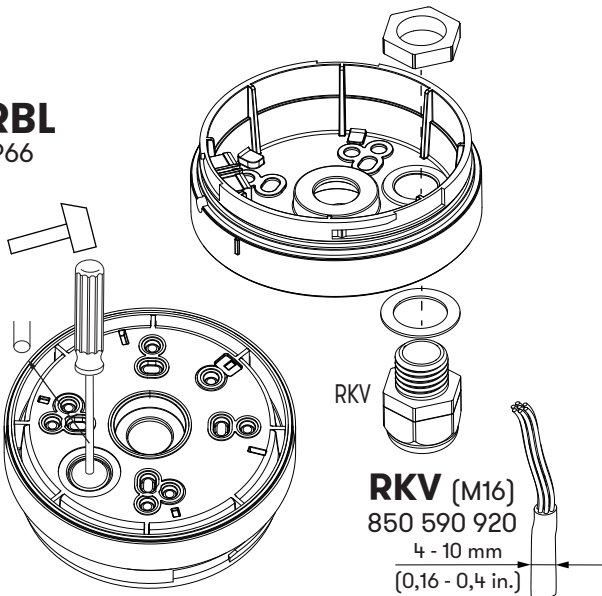


NPT 1/2"  
NOT SUPPLIED  
NON FOURNI  
NICHT MITGELIEFERT  
NON FORNITO  
NÃO INCLuíDO  
NO PROPORCIONADO

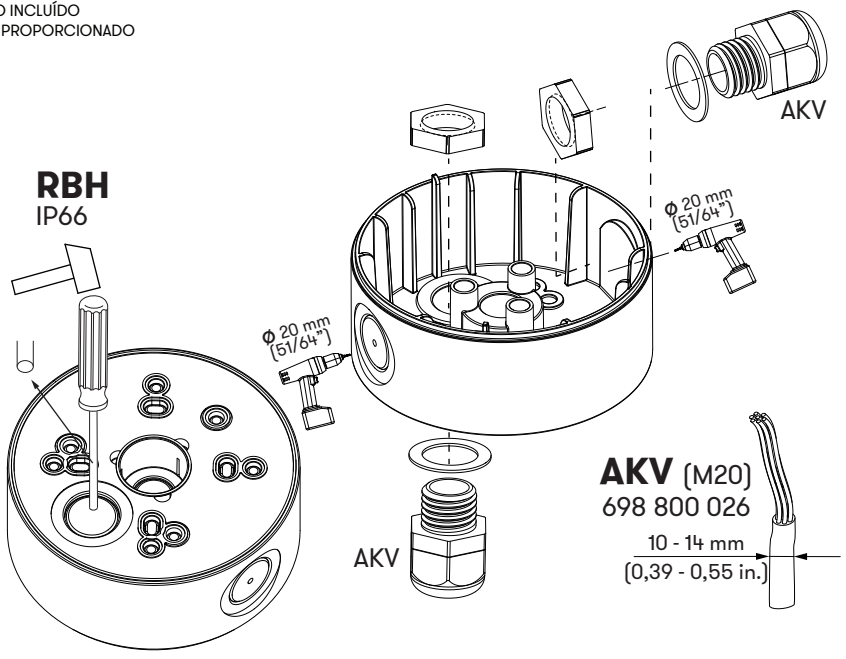


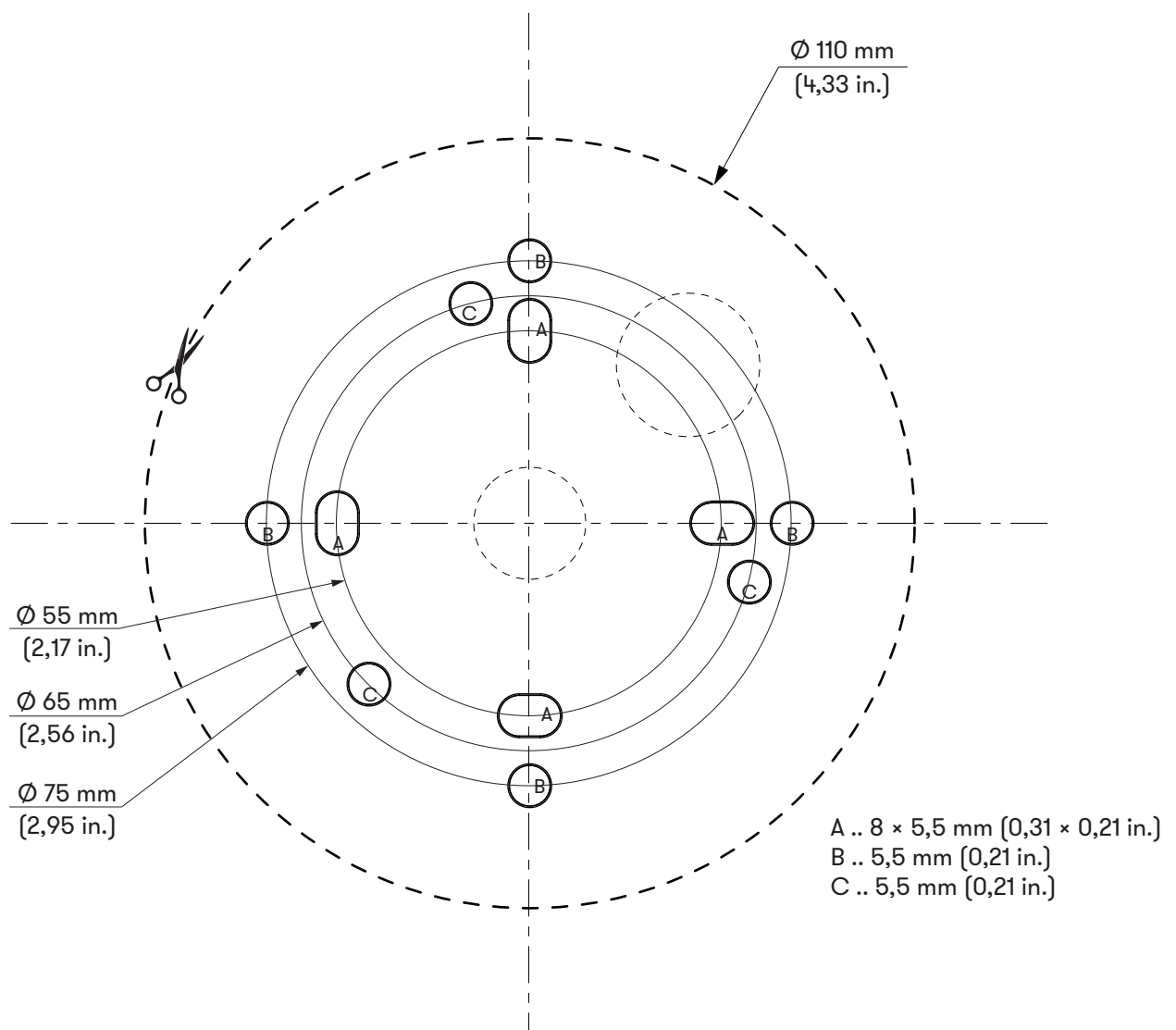
Use appropriate sealing methods  
Utiliser les techniques d'étanchéification appropriées  
Wenden Sie geeignete Dichtungsmethoden an  
Utilizzare un sistema di sigillatura appropriato  
Utilize métodos apropriados de selagem  
Utilizar métodos adecuados de sellado

**RBL**  
IP66



**RBH**  
IP66







# Beacon series R

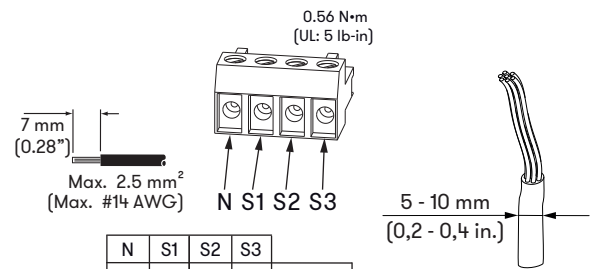
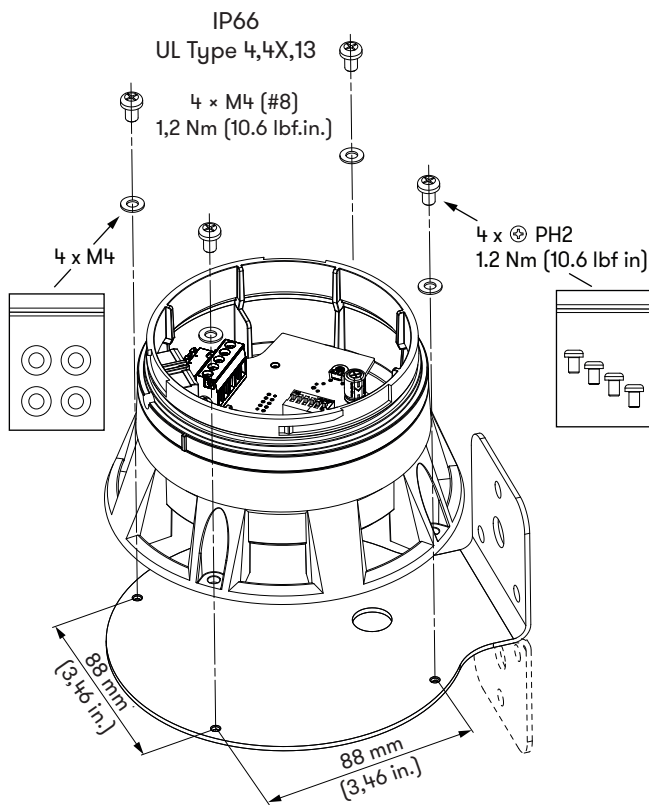
## Auer Signal

-30°C to +60°C (-22°F to +140°F)

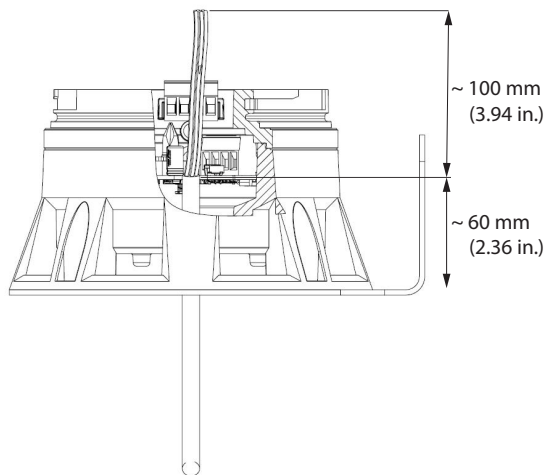
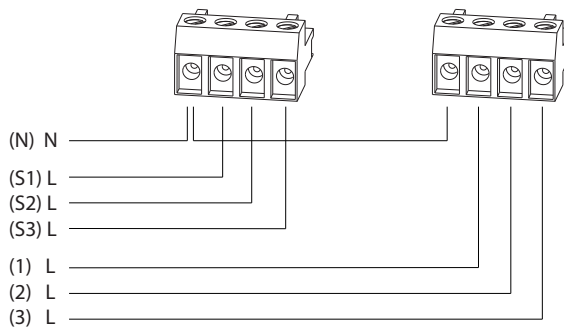
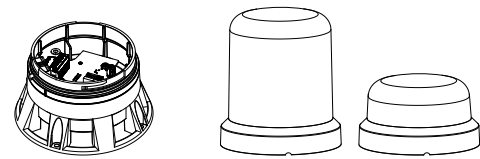


	<b>WARNING</b>	Disconnect from power source to prevent electrical shock before installing or servicing. Check power supply voltage and frequency.
	<b>AVERTISSEMENT</b>	Déconnecter l'alimentation avant toute opération d'installation ou de maintenance, afin d'éviter les décharges électriques. Contrôler la tension et la fréquence d'alimentation.
	<b>WARNUNG</b>	Schalten Sie den Strom während der Installation oder bei Wartungsarbeiten ab um einen elektrischen Schlag zu vermeiden. Prüfen Sie die Spannung und Frequenz der Stromquelle.
	<b>AVVERTENZA</b>	Scollegare dall'alimentazione prima dell'installazione e della messa in servizio. Controllare la tensione di alimentazione e la frequenza.
	<b>ATENÇÃO</b>	Desligar a alimentação antes de realizar qualquer intervenção. Verificar a tensão e frequência da alimentação.
	<b>ADVERTENCIA</b>	Durante el proceso de instalación o mantenimiento desconectar la tensión de alimentación para evitar descargas eléctricas. Comprobar tensión y frecuencia de alimentación.

## RBA + RWA

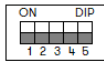


N	S1	S2	S3	
N	L			Stage 1
N	x	L		Stage 2
N	x	x	L	Stage 3



FOR USE ON A FLAT RIGID SURFACE OF INDICATED TYPE ENCLOSURE  
 À UTILISER SURUNE SURFACEPLANEDE L'ENCEINTE DU TYPE INDIQUÉ  
 ZUR VERWENDUNG AUF EINER FLACHEN OBERFLÄCHE DES ANGEGBENEN GEHÄUSETYPS  
 DA UTILIZZARE SU UNA SUPERFICIE PIANA DEL TIPO DI CUSTODIA INDICATO  
 PARA USO SOBRE LA SUPERFICIE PLANA DE UN ENVOLVENTE DEL TIPO INDICADO  
 PARA USO EM SUPERFÍCIE PLANA NO TIPO DE PROTEÇÃO INDICADA

## Tone table



Dip switch	Stage 1	Tone type	Frequency	Pictogram	Repeat rate	Typical application	Stage 2	Stage 3
	Tone 01	continous	660 Hz			Swedish alarm	Tone 16	Tone 12
	Tone 02	continous	1000 Hz			PFEER toxic gas	Tone 16	Tone 25
	Tone 03	continous	2400 Hz				Tone 21	Tone 17
	Tone 04	intermittent	420 Hz		0,625 s on / 0,625 s off	Australian alert AS1670	Tone 21	Tone 01
	Tone 05	intermittent	660 Hz		1,8 s on - 1,8 s off	Swedish alarm	Tone 21	Tone 01
	Tone 06	intermittent	660 Hz		0,15 s on / 0,15 s off	Swedish alarm	Tone 16	Tone 01
	Tone 07	intermittent	970 Hz		1 s on, 1 sec off	PFEER Alarm, BS5839-1:2002	Tone 18	Tone 01
	Tone 08	intermittent	970 Hz (950)		0,5 s on/0,5 s off x 3 then 1 s off	ISO 8201 low tone, US Temporal	Tone 16	Tone 03
	Tone 09	intermittent	800 Hz		0,25 s on / 1 s off		Tone 27	Tone 03
	Tone 10	intermittent	700 Hz		0,15 s on / 0,15 s off, total 1 min.	Swedish alarm SS 031711	Tone 18	Tone 02
	Tone 11	intermittent	720 Hz		0,7 s on / 0,3 s off	Industrial Alarm Germany	Tone 2	Tone 29
	Tone 12	intermittent	2400 Hz		0,5 s on / 0,5 s off		Tone 3	Tone 01
	Tone 13	intermittent	2850 Hz		0,5 s on/0,5 s off x 3 then 1 s off	ISO 8201 high tone, US Temporal	Tone 3	Tone 17
	Tone 14	alternating	440 - 554 Hz		0,4 s (440Hz) / 0,1 s (554Hz)	AFNOR France, NFS 32-001	Tone 16	Tone 01
	Tone 15	alternating	554 - 440 Hz		1 Hz	Swedish alarm	Tone 1	Tone 16
	Tone 16	alternating	800 - 1000 Hz		2 Hz		Tone 2	Tone 09
	Tone 17	alternating	2400 - 2900 Hz		2 Hz		Tone 3	Tone 1
	Tone 18	alternating	1000 - 2000 Hz		1 Hz	Singapore	Tone 2	Tone 3
	Tone 19	sweeping	500 - 1500 Hz		10 Hz		Tone 2	Tone 1
	Tone 20	sweeping	150 - 1000 Hz		rising 10 s, 40 s on, falling 10 s	Industrial Alarm Germany	Tone 25	Tone 29
	Tone 21	continous	400 Hz		simulated horn		Tone 16	Tone 2
	Tone 22	sweeping	500 - 1200 Hz		rising in 3,75 s / 0,25 s off	Australian evacuation AS 2220	Tone 2	Tone 9
	Tone 23	sweeping	500 - 1200 Hz		rising in 3,5 s / 0,5 s off	Netherlands NEN 2575:2000	Tone 2	Tone 9
	Tone 24	sweeping	500 - 1200 Hz		0,5 s on/0,5 s off x 3 / 1,5 s off	Australia AS1670 evacuation	Tone 2	Tone 9
	Tone 25	sweeping	1200 - 500 Hz		1 Hz	evacuation Germany, DIN 33404-3	Tone 2	Tone 32
	Tone 26	sweeping	500 - 1200 Hz		0,3 Hz		Tone 1	Tone 32
	Tone 27	sweeping	1400 - 1600 Hz		rising in 1 s/falling in 0,5 s	NFC 48-265	Tone 2	Tone 9
	Tone 28	sweeping	2400 - 2900 Hz		1 Hz		Tone 17	Tone 3
	Tone 29	bell					Tone 16	Tone 2
	Tone 30	slow rise	500 - 2400 Hz		siren rising in 3 s, then cont. 2400 Hz		Tone 16	Tone 1
	Tone 31	slow rise	300 - 1200 Hz		siren rising in 3 s, then cont. 1200 Hz		Tone 16	Tone 1
	Tone 32	3-tone	660-550-440 Hz		repeating 3-tone gong, 7s		Tone 29	Tone 1

