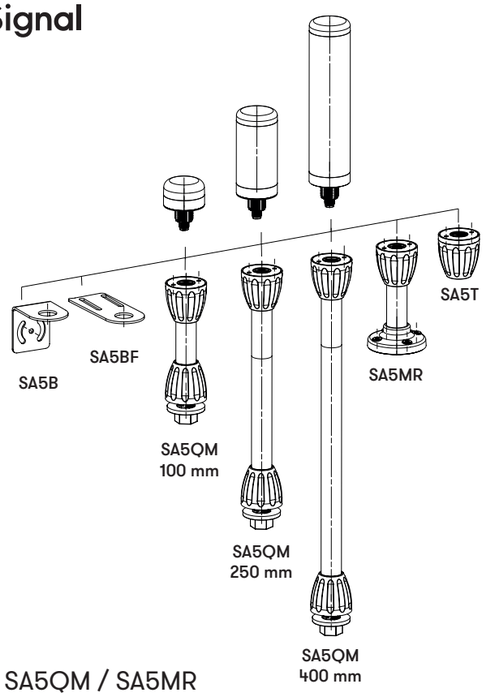
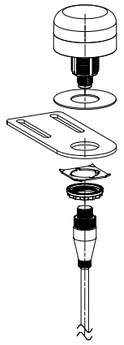
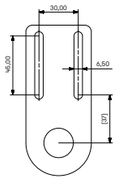
Smart Signaling - Accessories 50



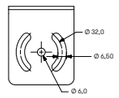
SA5B / SA5BF



M22 FLAT BRACKET

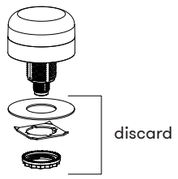


M22 90° BRACKET



SA5QM / SA5MR

Step 1

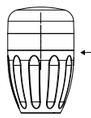


discard

Step 2

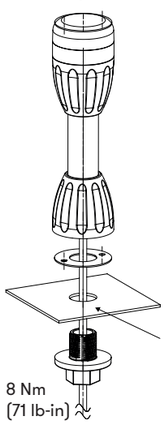


Insert cable through flat gasket and tube. Plug cable in.



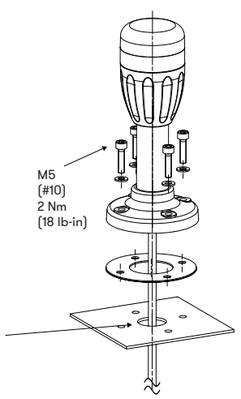
Tighten until gasket is not visible

SA5QM Step 3

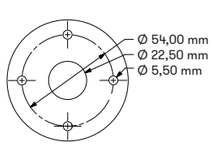


8 Nm (71 lb-in)

SA5MR Step 3

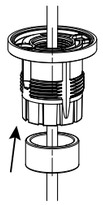


Ø 22,5 mm



SA5T

Step 1



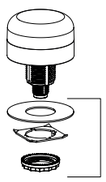
Push gasket into base until mechanical stop.

Step 2



Insert cable, push base onto tube until mechanical stop. Tighten fastening nut by hand

Step 3



discard

Step 4



Insert cable through flat gasket and tube. Plug cable in.

Tighten until gasket is not visible

Smart Dot 50, Smart Indicator 50

Basic Beacon, Standard Beacon

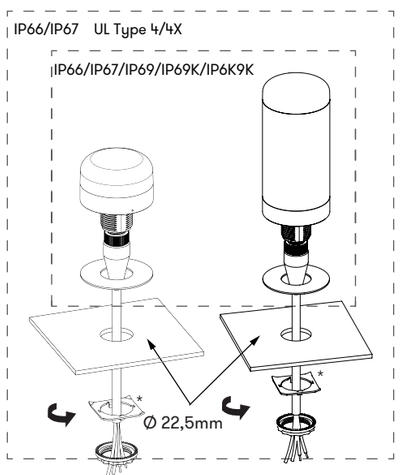
-40°C to +70°C (-40°F to +158°F)
UL Type 4/4X IP66/IP67/IP69/IP69K/IP6K9K

For use on a flat surface of indicated type enclosure

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! ¡Descocentelo de la alimentación eléctrica para prevenir una descarga! ¡Verifica el voltaje y frecuencia antes de su instalación!

WARNING	Do not use strobe lights around anyone suffering from cerebral disorders (epilepsy). Strobe lights may cause seizures to occur.
AVERTISSEMENT	Ne pas utiliser de stroboscopique à proximité de personnes souffrant de problèmes cérébraux (épilepsie), afin d'éviter tout risque de crise.
WARNUNG	Verwenden Sie keine Blitzleuchten-Module im Nahbereich von Personen die an Epilepsie leiden.
AVVERTENZA	Non usare luci stroboscopiche nelle vicinanze di persone sofferenti di epilessia.
ATENÇÃO	Não usar luzes strobe perto de pessoas sofrendo de problemas cerebrais (epilepsia). Estas luzes podem provocar um ataque.
ATENCIÓN	No utilizar luz estroboscópica alrededor de personas con problemas cerebrales (epilepsia). La luz estroboscópica puede causar ataques epilépticos.

Mounting procedure
Procédé de support
Montage
Procedura del montaggio
Procedimento da montagem
Procedimiento de montaje



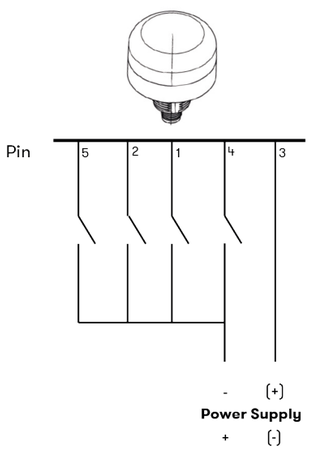
M22: 3.9Nm (35 lb-in)
M12: 0.6Nm (5 lb-in)

Stainless M22: max. 13 Nm (115 lb-in)
*Attention: No lockwasher for Stainless devices required.

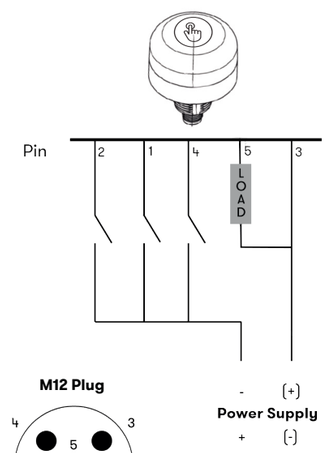
Wiring Diagram

Visual & Audible Models

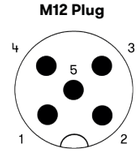
Visual & Audio



Touch



M12 Plug



Touch Models
Touch can be activated/ powered by any input

Auer Signal

Smart Signaling - Nomenclature

Basic Product Code

SD 50 IO C T

- **Product Series**: **SD** = Smart Dot; **SI** = Smart Indicator; **ST** = Smart Tower
- **Diameter**: in mm
- **Communication**: **[blank]** = conventional control; **IO** = IO-Link
- **Lens form**: **[blank]** = Standard; **C** = Compact
- **Function**: **[blank]** = none; **A** = pure accoustical; **B** = additional Buzzer; **T** = Touch; **TV** = Touch with Vibration feedback

Colors

-MC	IO-Link Multicolor
-MC7	Standard Multicolor 7
-G	Basic one Color
-GR	Basic two Color
-GYR	Basic three Color

[blank] = Pure Sounder

- **Color 1**, **Color 2**, **Color 3**: **G** = Green; **A** = Amber; **Y** = Yellow; **R** = Red; **B** = Blue; **W** = white

Body type

-DL

- **Body code**: **[blank]** = Black diffuse; **BT** = Black tinted; **DL** = Black Daylight; **FB** = Food & Beverage FDA graded plastic body; **SFB** = Food & Beverage FDA graded plastic lens & Stainless steel base; **S** = Stainless diffuse; **SC** = Stainless clear; **W**= White diffuse

Remark = selections vertically to be understood as „or“ and are not combinable. Certain horizontal codes are technically not combinable/available, please look up the configurator on www.auersignal.com

Visual animation

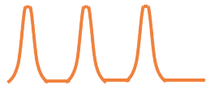
Animation	Brightness	Pattern
Steady	Normal	Steady
Blink	Normal	250ms ON, 250ms OFF - 2 Hz
Alternate 2Hz	Normal	Color 1: 250ms ON/ Color 2: OFF Color 1: OFF/ Color 2: 250ms ON - 2Hz
6flash	Maximum	6 times x 50ms ON, 50ms OFF - 1 Hz
HIB	Pulse 1: Maximum, Pulse 2/3: 25% of normal	Each pulse: 50ms ON, 50ms OFF - 1 Hz
Beat	Normal down to 15%, up to normal	0.5Hz

Overlay	Brightness	Pattern
Eco	25% of normal	Overlay to pattern
Touch wobble	Wobble normal down to 25%, up to normal	Overlay to pattern

Smart Diagnostic [Standard]

During Power-up a hardware check is executed.

no failure	no feedback
Hardware failure	tripple wave in amber at 25% brightness in between animations



Auer Signal

Smart Signaling

Function	PIN 4	PIN 1	PIN 2	PIN 5	SD50 Basic one Color	SD50 Basic two Color	SD50 Basic three Color Touch	SD50 Basic two Color Touch	SD50 Basic three Color	SD50 Basic two Color Audio	SD50 Basic three Color Audio	SI50 Basic one Color	SI50 Basic three Color	SI50 Basic three Color Audio	ST50 Multicolor 4
1	X				C1 steady	C1 steady	C1 steady	C1 steady	C1 steady	C1 steady	C1 steady	C1 steady	C1 steady	G steady	G steady
2		X			C1 blink	C2 steady	C2 steady	C2 steady	C2 steady	C2 steady	C2 steady	C2 steady	Y steady	Y steady	Y steady
3			X		C1 HIB	C2 blink	C3 steady	C2 blink	C3 steady	C2 blink	C3 steady	C3 steady	R steady	R steady	R steady
4				X	C1 steady ECO	/	/	/	/	Audio steady	Audio steady	Audio steady	Audio steady	Audio steady	B steady
5	X	X			C1 6flash	C1/C2 alternate 2Hz	C1/C2 alternate 2Hz	C1/C2 alternate 2Hz	C1/C2 alternate 2Hz	C1/C2 alternate 2Hz	C1/C2 alternate 2Hz	C1/C2 alternate 2Hz	G/Y steady	G/Y steady	G/Y steady
6	X		X		C1 6flash	C1/C3 alternate 2Hz	C1/C3 alternate 2Hz	C1 6flash	C1/C3 alternate 2Hz	C1/C3 alternate 2Hz	C1/C3 alternate 2Hz	C1/C3 alternate 2Hz	G/R steady	G/R steady	G/R steady
7		X	X		C1 6flash ECO	C2/C3 alternate 2Hz	C2/C3 alternate 2Hz	C2 6flash	C2/C3 alternate 2Hz	C2 6flash	C2/C3 alternate 2Hz	C2/C3 alternate 2Hz	Y/R steady	Y/R steady	Y/R steady
8	X			X	C1 steady ECO	C1 blink	C1 blink	C1 touch wobble	C1 6flash	C1+Audio steady	C1+Audio steady	C1 blink	G+Audio steady	G/B steady	G/B steady
9		X		X	C1 blink ECO	C2 blink	C2 touch wobble	C2 touch wobble	C2 blink	C2+Audio steady	C2+Audio steady	C2 blink	Y+Audio steady	Y/B steady	Y/B steady
10			X	X	C1 HIB ECO	C1 beat	C2 blink + touch wobble	C2 blink + touch wobble	C1 beat	C1+Audio steady ECO	C1+Audio steady ECO	C3 blink	R+Audio steady	R/B steady	R/B steady
11	X	X		X	C1 HIB	C1 HIB	C1/C2 alternate 2Hz + touch wobble	C1/C2 alternate 2Hz + touch wobble	C1 HIB	C1/C2+Audio alternate 2Hz	C1/C2+Audio alternate 2Hz	C1 HIB	G/Y+Audio steady	G HIB	G HIB
12	X		X	X	C1 beat	C2 steady ECO	C1/C3 alternate 2Hz + touch wobble	C1 touch wobble	C2 steady ECO	C2+Audio steady ECO	C2+Audio steady ECO	C2 steady ECO	G/R+Audio steady	Y steady ECO	Y steady ECO
13		X	X	X	C1 beat ECO	C2 beat	C2/C3 alternate 2Hz + touch wobble	C2 touch wobble	C3 steady ECO	C2+Audio beat	C2+Audio HIB	C3 steady ECO	Y/R+Audio steady	R ECO	R ECO
14	X	X	X	X	C1 HIB	C2 HIB	C2 HIB	C2 HIB	C2 HIB	C2 HIB	C2 HIB	C2 HIB	Y HIB	Y HIB	Y HIB
15	X	X	X	X	C1 HIB	C2 HIB	C2 touch wobble	C2 touch wobble	C3 HIB	C2+Audio HIB	C2+Audio HIB	C3 HIB	R+Audio HIB	R HIB	R HIB

C1: Color 1 from Nomenclature C2: Color 2 from Nomenclature C3: Color 3 from Nomenclature

Function	PIN 4	PIN 1	PIN 2	PIN 5	SD50 Standard Multicolor	SI50 Standard Multicolor	ST50 Standard Multicolor	SD50 Standard Audio Multicolor	SI50 Standard Audio Multicolor	ST50 Standard Audio Multicolor	SD50 Standard Touch Multicolor
1	X				Green steady	Green steady	Green steady	Green steady	Green steady	Green steady	Green steady
2		X			Yellow steady	Yellow steady	Yellow steady	Yellow steady	Yellow steady	Yellow steady	Yellow steady
3			X		Red steady	Red steady	Red steady	Red steady	Red steady	Red steady	Red steady
4				X	Blue steady	Blue steady	Blue steady	Audio steady	Audio steady	Audio steady	/ steady
5	X	X			Green/Yellow alternate 2Hz	Green/Yellow alternate 2Hz	Green/Yellow alternate 2Hz	White steady	White steady	White steady	White steady
6	X		X		Green/Red alternate 2Hz	Green/Red alternate 2Hz	Green/Red alternate 2Hz	Cyan steady	Cyan steady	Cyan steady	Cyan steady
7		X	X		Yellow/Red alternate 2Hz	Yellow/Red alternate 2Hz	Yellow/Red alternate 2Hz	Magenta steady	Magenta steady	Magenta steady	Magenta steady
8	X			X	Green/Blue alternate 2Hz	Green/Blue alternate 2Hz	Green/Blue alternate 2Hz	Green + Audio steady	Green + Audio steady	Green + Audio steady	Green touch wobble
9		X		X	Yellow/Blue alternate 2Hz	Yellow/Blue alternate 2Hz	Yellow/Blue alternate 2Hz	Yellow + Audio steady	Yellow + Audio steady	Yellow + Audio steady	Yellow touch wobble
10			X	X	Red/Blue alternate 2Hz	Red/Blue alternate 2Hz	Red/Blue alternate 2Hz	Red + Audio steady	Red + Audio steady	Red + Audio steady	Red touch wobble
11	X	X		X	White steady	White steady	White steady	White + Audio steady	White + Audio steady	White + Audio steady	White touch wobble
12	X		X	X	Cyan steady	Cyan steady	Cyan steady	Cyan + Audio steady	Cyan + Audio steady	Cyan + Audio steady	Cyan touch wobble
13		X	X	X	Magenta steady	Magenta steady	Magenta steady	Magenta + Audio steady	Magenta + Audio steady	Magenta + Audio steady	Magenta touch wobble
14	X	X	X	X	Yellow HIB	Yellow HIB	Yellow HIB	Yellow HIB	Yellow HIB	Yellow HIB	Yellow HIB
15	X	X	X	X	Red HIB	Red HIB	Red HIB	Red + Audio HIB	Red + Audio HIB	Red + Audio HIB	Yellow touch wobble

Auer Signal

Smart Signaling

Function	PIN 4	PIN 1	PIN 2	PIN 5	SD50 Basic one Color		SD50 Basic two Color		SD50 Basic two Color Touch		SD50 Basic two Color Audio		SD50 Basic three Color		SI50 Basic three Color		SD50 Basic three Color Touch		SD50 Basic three Color Audio		SI50 Basic three Color Audio		ST50 Basic three Color Audio		ST50 Multicolor 4	
1	X				C1	steady	C1	steady	C1	steady	C1	steady	C1	steady	C1	steady	C1	steady	C1	steady	C1	steady	G	steady	G	steady
2		X			C1	blink	C2	steady	C2	steady	C2	steady	C2	steady	C2	steady	C2	steady	C2	steady	C2	steady	Y	steady	Y	steady
3			X		C1	HIB	C2	Blink	C2	blink	C2	blink	C3	steady	C3	steady	C3	steady	C3	steady	C3	steady	R	steady	R	steady
4				X	C1	steady ECO	C1	steady ECO	/	/	Audio	steady	C1	steady ECO	C1	steady ECO	/	/	Audio	steady	Audio	steady	Audio	steady	B	steady
5	X	X			C1	6flash	C1/C2	alternate 2Hz	C1/C2	alternate 2Hz	C1/C2	alternate 2Hz	C1/C2	alternate 2Hz	C1/C2	alternate 2Hz	C1/C2	alternate 2Hz	C1/C2	alternate 2Hz	C1/C2	alternate 2Hz	G/Y	steady	G/Y	steady
6	X		X		C1	6flash	C1	6flash	C1	6flash	C1	6flash	C1/C3	alternate 2Hz	C1/C3	alternate 2Hz	C1/C3	alternate 2Hz	C1/C3	alternate 2Hz	C1/C3	alternate 2Hz	G/R	steady	G/R	steady
7		X	X		C1	6flash ECO	C2	6flash	C2	6flash	C2	6flash	C2/C3	alternate 2Hz	C2/C3	alternate 2Hz	C2/C3	alternate 2Hz	C2/C3	alternate 2Hz	C2/C3	alternate 2Hz	Y/R	steady	Y/R	steady
8	X			X	C1	steady ECO	C1	blink	C1	touch wobble	C1+Audio	steady	C1	blink	C1	blink	C1	touch wobble	C1+Audio	steady	C1+Audio	steady	G+Audio	steady	G/B	steady
9		X		X	C1	blink ECO	C2	blink	C2	touch wobble	C2+Audio	steady	C2	blink	C2	blink	C2	touch wobble	C2+Audio	steady	C2+Audio	steady	Y+Audio	steady	Y/B	steady
10			X	X	C1	HIB ECO	C1	beat	C2	blink + touch wobble	C1+Audio	steady ECO	C3	blink	C3	blink	C3	touch wobble	C3+Audio	steady	C3+Audio	steady	R+Audio	steady	R/B	steady
11	X	X		X	C1	HIB	C1	HIB	C1/C2	alternate 2Hz + touch wobble	C1/C2+Audio	alternate 2Hz	C1	HIB	C1	HIB	C1/C2	alternate 2Hz + touch wobble	C1/C2+Audio	alternate 2Hz	C1/C2+Audio	alternate 2Hz	G/Y+Audio	steady	G	HIB
12	X		X	X	C1	beat	C2	steady ECO	C1	touch wobble	C2+Audio	steady ECO	C2	steady ECO	C2	steady ECO	C1/C3	alternate 2Hz + touch wobble	C1/C3+Audio	alternate 2Hz	C1/C3+Audio	alternate 2Hz	G/R+Audio	steady	Y	steady ECO
13		X	X	X	C1	beat ECO	C2	beat	C2	touch wobble	C2+Audio	beat	C3	steady ECO	C3	steady ECO	C2/C3	alternate 2Hz + touch wobble	C2/C3+Audio	alternate 2Hz	C2/C3+Audio	alternate 2Hz	Y/R+Audio	steady	R	ECO
14	X	X	X		C1	HIB	C2	HIB	C2	HIB	C2	HIB	C2	HIB	C2	HIB	C2	HIB	C2	HIB	C2	HIB	Y	HIB	Y	HIB
15	X	X	X	X	C1	HIB	C2	HIB	C2	touch wobble	C2+Audio	HIB	C3	HIB	C3	HIB	C2	touch wobble	C3+Audio	HIB	C3+Audio	HIB	R+Audio	HIB	R	HIB

C1: Color 1 from Nomenclature C2: Color 2 from Nomenclature C3: Color 3 from Nomenclature

Function	PIN 4	PIN 1	PIN 2	PIN 5	SD50 Standard Multicolor		SI50 Standard Multicolor		ST50 Standard Multicolor		SD50 Standard Touch Multicolor		SD50 Standard Touch Multicolor		SI50 Standard Audio Multicolor		ST50 Standard Audio Multicolor	
1	X				Green	steady	Green	steady	Green	steady	Green	steady	Green	steady	Green	steady	Green	steady
2		X			Yellow	steady	Yellow	steady	Yellow	steady	Yellow	steady	Yellow	steady	Yellow	steady	Yellow	steady
3			X		Red	steady	Red	steady	Red	steady	Red	steady	Red	steady	Red	steady	Red	steady
4				X	Blue	steady	Blue	steady	Blue	steady	/	/	Audio	steady	Audio	steady	Audio	steady
5	X	X			Green/Yellow	alternate 2Hz	Green/Yellow	alternate 2Hz	Green/Yellow	steady	White	steady	White	steady	White	steady	White	steady
6	X		X		Green/Red	alternate 2Hz	Green/Red	alternate 2Hz	Green/Red	steady	Cyan	steady	Cyan	steady	Cyan	steady	Cyan	steady
7		X	X		Yellow/Red	alternate 2Hz	Yellow/Red	alternate 2Hz	Yellow/Red	steady	Magenta	steady	Magenta	steady	Magenta	steady	Magenta	steady
8	X			X	Green/Blue	alternate 2Hz	Green/Blue	alternate 2Hz	Green/Blue	steady	Green	touch wobble	Green + Audio	steady	Green + Audio	steady	Green + Audio	steady
9		X		X	Yellow/Blue	alternate 2Hz	Yellow/Blue	alternate 2Hz	Yellow/Blue	steady	Yellow	touch wobble	Yellow + Audio	steady	Yellow + Audio	steady	Yellow + Audio	steady
10			X	X	Red/Blue	alternate 2Hz	Red/Blue	alternate 2Hz	Red/Blue	steady	Red	touch wobble	Red + Audio	steady	Red + Audio	steady	Red + Audio	steady
11	X	X		X	White	steady	White	steady	White	steady	White	touch wobble	White + Audio	steady	White + Audio	steady	White + Audio	steady
12	X		X	X	Cyan	steady	Cyan	steady	Cyan	steady	Cyan	touch wobble	Cyan + Audio	steady	Cyan + Audio	steady	Cyan + Audio	steady
13		X	X	X	Magenta	steady	Magenta	steady	Magenta	steady	Magenta	touch wobble	Magenta + Audio	steady	Magenta + Audio	steady	Magenta + Audio	steady
14	X	X	X		Yellow	HIB	Yellow	HIB	Yellow	HIB	Yellow	HIB	Yellow	HIB	Yellow	HIB	Yellow	HIB
15	X	X	X	X	Red	HIB	Red	HIB	Red	HIB	Yellow	touch wobble	Red + Audio	HIB	Red + Audio	HIB	Red + Audio	HIB