



Auer Signal

Smart Dot 50, Smart Indicator 50

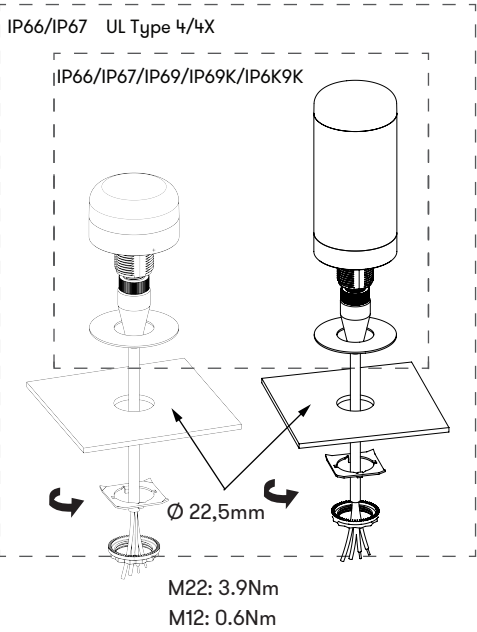
Basic Beacon, Standard Beacon

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

	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!

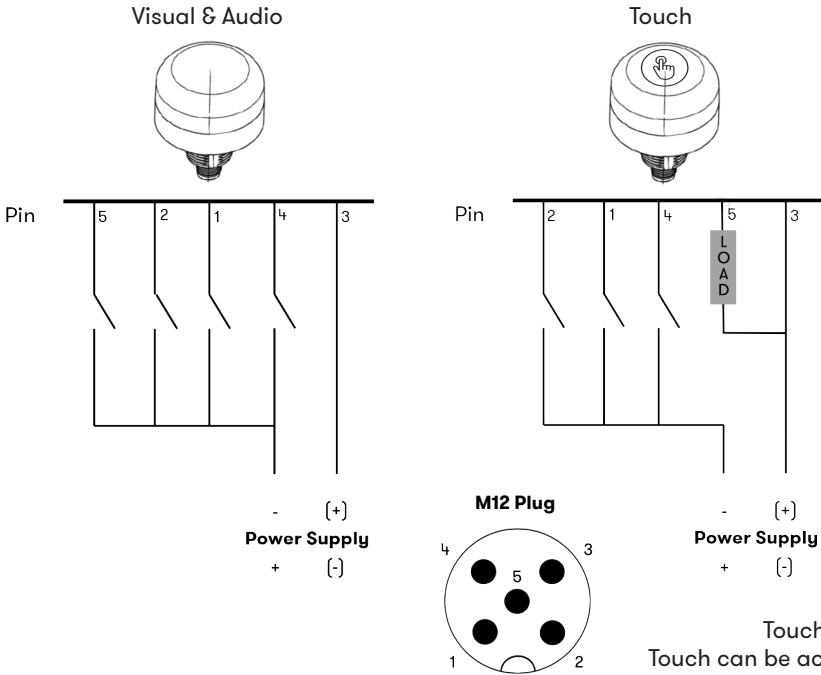
	WARNING	Do not use strobe lights around anyone suffering from cerebral disorders (epilepsy). Strobe lights may cause seizures to occur.
	AVERTISSEMENT	Ne pas utiliser de stroboscopique à proximité de personnes souffrant de problèmes cérébraux (épilepsie), afin d'éviter tout risque de crise.
	WARNUNG	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



Wiring Diagram

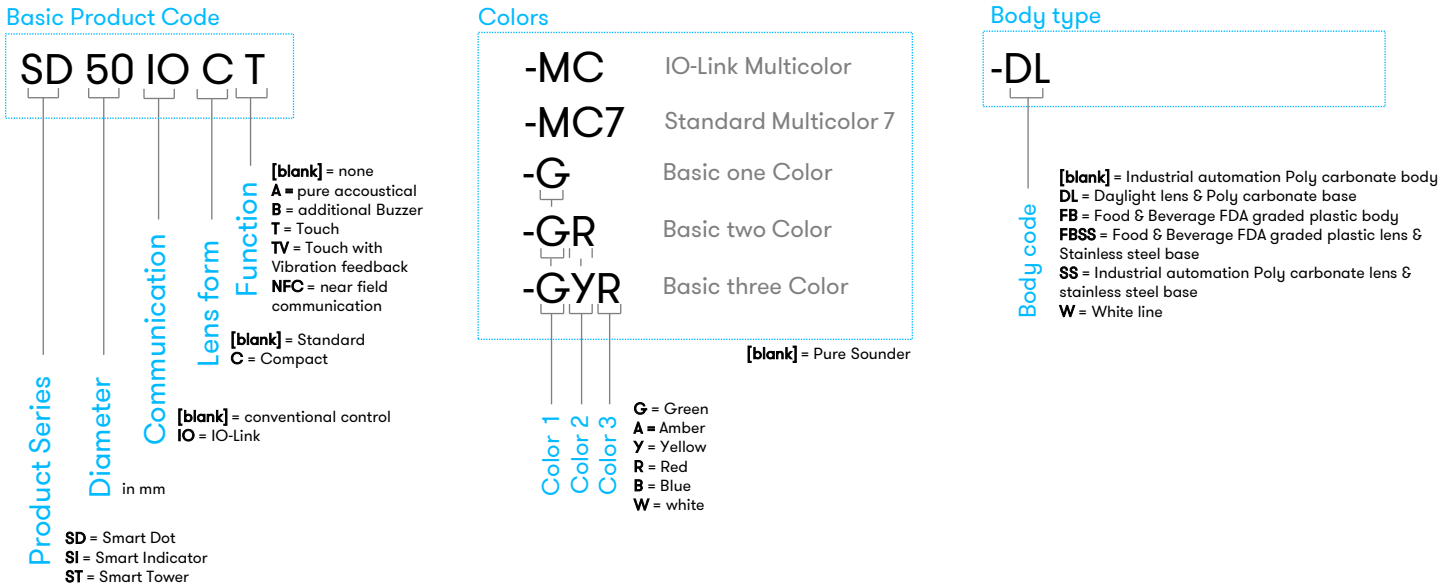
Visual & Audible Models



Touch Models
Touch can be activated/
powered by any input



Smart Signaling - Nomenclature



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
		Color 1: 250ms ON/ Color 2: OFF
Alternate 2Hz	Normal	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]

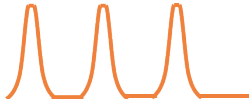
During Power-up a hardware check is executed.

no failure

no feedback

Hardware failure

tripple wave in amber at 25% brightness in between animations



Function	PIN					SD50 Basic one Color	SD50 Basic two Color	SD50 Basic three Color Touch	SD50 Basic two Color Audio	SD50 Basic three Color	SIS0 Basic three Color	SD50 Basic three Color Touch	SD50 Basic three Color Audio	SIS0 Basic three Color Audio	ST50 Basic three Color Audio	ST50 Multicolor 4
	4	1	2	5												
1	X					C1	steady	C1	steady	C1	steady	C1	steady	C1	steady	G
2		X				C1	blink	C2	steady	C2	steady	C2	steady	C2	steady	Y
3			X			C1	HB	C2	blink	C3	steady	C3	steady	C3	steady	R
4				X		C1	steady ECO	/	/	/	steady ECO	/	/	Audio	steady	B
5	X	X				C1	6flash	C1/C2	alternate 2Hz	C1/C2	alternate 2Hz	C1/C2	alternate 2Hz	C1/C2	alternate 2Hz	G/Y
6	X		X			C1	6flash	C1	6flash	C1/C3	alternate 2Hz	C1/C3	alternate 2Hz	C1/C3	alternate 2Hz	G/R
7		X	X			C1	6flash ECO	C2	6flash	C2/C3	alternate 2Hz	C2/C3	alternate 2Hz	C2/C3	alternate 2Hz	Y/R
8	X			X		C1	steady ECO	C1	steady	C1	blink	C1	touch wobble	C1+Audio	steady	G/B
9		X	X		X	C1	blink ECO	C2	blink	C2	blink	C2	touch wobble	C2+Audio	steady	Y/B
10			X	X		C1	HB ECO	C2	beat	C2	blink	C3	touch wobble	C3+Audio	steady	R/B
11	X	X		X		C1	HB	C1/C2	alternate 2Hz + touch wobble	C1	HB	C1/C2	alternate 2Hz + touch wobble	C1/C2+Audio	alternate 2Hz	G
12	X		X	X		C1	beat	C1	touch wobble	C2	steady ECO	C1/C3	alternate 2Hz + touch wobble	C1/C3+Audio	alternate 2Hz	Y
13		X	X	X		C1	beat ECO	C2	touch wobble	C3	steady ECO	C2/C3	alternate 2Hz + touch wobble	C2/C3+Audio	alternate 2Hz	R
14	X	X	X			C1	HB	C2	HB	C2	HB	C2	HB	C2	HB	Y
15	X	X	X	X		C1	HB	C2	touch wobble	C3	HB	C2	touch wobble	C3+Audio	HB	R

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

Function	PIN					SD50 Standard Multicolor	SIS0 Standard Multicolor	SD50 Standard Touch Multicolor	SD50 Standard Audio Multicolor	SIS0 Standard Audio Multicolor	ST50 Standard Audio Multicolor
	4	1	2	5							
1	X					Green	steady	Green	steady	Green	steady
2		X				Yellow	steady	Yellow	steady	Yellow	steady
3			X			Red	steady	Red	steady	Red	steady
4				X		Blue	steady	Blue	steady	White	steady
5	X	X				Green/Yellow	alternate 2Hz	Green/Yellow	steady	Cyan	steady
6	X	X		X		Green/Red	alternate 2Hz	Green/Red	steady	Cyan	steady
7		X	X			Yellow/Red	alternate 2Hz	Yellow/Red	steady	Magenta	steady
8	X			X		Green/Blue	alternate 2Hz	Green/Blue	steady	Green + Audio	steady
9		X			X	Yellow/Blue	alternate 2Hz	Yellow	touch wobble	Yellow + Audio	steady
10		X	X		X	Red/Blue	alternate 2Hz	Red	touch wobble	Red + Audio	steady
11	X	X	X		X	White	steady	White	touch wobble	White + Audio	steady
12	X	X	X	X		Cyan	steady	Cyan	touch wobble	Cyan + Audio	steady
13		X	X	X		Magenta	steady	Magenta	touch wobble	Magenta + Audio	steady
14	X	X	X	X		Yellow	HB	Yellow	HB	Yellow	HB
15	X	X	X	X		Red	HB	Red	touch wobble	Red + Audio	HB



Auer Signal

Smart Signaling

Function	PIN				SD50	SD50	SD50	SD50	SD50	SI50	SD50	SD50	SI50	ST50	ST50
	4	1	2	5	Basic one Color	Basic two Color	Basic two Color Touch	Basic two Color Audio	Basic three Color	Basic three Color	Basic three Color Touch	Basic three Color Audio	Basic three Color Audio	Basic three Color Audio	Basic three Color Audio
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 δflash	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 δflash	C1 δflash	C1 δflash	C1 δflash	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 δflash ECO	C2 δflash	C2 δflash	C2 δflash	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				SD50	SI50	ST50	SD50	SD50	SI50	ST50
	4	1	2	5	Standard Multicolor	Standard Multicolor	Standard Multicolor	Standard Touch Multicolor	Standard Touch Multicolor	Standard Audio Multicolor	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