

















# Beacons „Q“ with Buzzer Indicator







	Size 1	Size 2	Size 3	Size 4
				
	 80 dB	 100 dB	 105 dB	 105 dB
	2 tones	2 tones	3 tones	3 tones
<b>LED Steady/ Flashing Beacons + Buzzer Indicator</b>	 10 Cd	 120 Cd	 170 Cd	 300 Cd
<b>Xenon Strobe Beacon + Buzzer Indicator</b>	 ~5 J	 ~10 J	 250 Cd	 400 Cd
	QSS	QSM	QSL	QSX
	QTS	QTM	QCL	QCX

## Features






































- Comprehensive range of visual-audible signalling products with dominant beacon and additional buzzer indicator
- For most different visual-audible signalling requirements in the industry, process control, fire/gas alarm, marine, etc.
- Buzzer indicators with up-to-date piezo technique
  - 2 tones – steady/pulsing tone (size 1 and 2)
  - 3 tones – steady/pulsing/wobble tone (size 3 and 4)
- Versatile installation and mounting options
- Light and tone separately switchable
- Beacon options**
  - In most up-to-date LED technique**  
long lifetime, low current consumption, vibration proof:
    - LED steady/flashing beacons (size 1-4) and
    - LED multi strobe beacons
 3 strobe patterns - double/6 times/multi strobe
    - externally switchable (size 3-4)
  - In conventional xenon strobe technique**  
classic signalling with good signalling effect:
    - xenon strobe beacons with 5 J and 10 J strobe energy (size 1-2)
- Fit for plc applications (leakage, inrush current)



## Accessories / Installation Options:

- Lateral cable entry** on both sides with **cable gland** (accessory type AKV) 
- Grommet from back side** (included as standard) 
- Metal bracket kit** for mounting of alarm sounders or beacons in specific direction, on mounting platforms, devices, etc. (accessory type AB1-AB4) 
- Electrical connection via cage clamp** 
- Flat gasket** for correct IP66 installation on smooth surfaces of the housing (accessory type AG1-AG4) 
- Mounting kit AMK** for mounting/combination of 2 or more same size sounders or beacons 

Overview Multi Tone Alarm Sounders „A“ / Beacons „Q“

Size	Multi Tone Alarm Sounders „A“	Multi Tone Alarm Sounders „A“ - Beacon „Q“	Multi Tone Alarm Sounder „A“ with Light Indicator	Beacons „Q“ with Buzzer Indicator	Beacons „Q“
1	<b>ASS-P</b> max. 103 dB 	<b>ASS-P + QDS</b> LED Steady/Flashing <b>ASS-P + QFS</b> ~5 J Xenon Strobe 	<b>ADS-P</b> LED Steady 	<b>QSS</b> LED Steady/Flashing 	<b>QDS</b> LED Steady/Flashing 
	<b>ASS-T</b> max. 108 dB 	<b>ASS-T + QDS</b> LED Steady/Flashing <b>ASS-T + QFS</b> ~5 J Xenon Strobe 	<b>ADS-T</b> LED Steady/Flashing 	<b>QTS</b> ~5 J Xenon Strobe 	<b>QFS</b> ~5 J Xenon Strobe 
2	<b>ASM</b> max. 113 dB 	<b>ASM + QDM</b> LED Steady/Flashing 	<b>ADM</b> LED Steady/Flashing 	<b>QSM</b> LED Steady/Flashing 	<b>QDM</b> LED Steady/Flashing 
		<b>ASM + QFM</b> ~10 J Xenon Strobe 	<b>ACM</b> LED Strobe 	<b>QTM</b> ~10 J Xenon Strobe 	<b>QFM</b> ~10 J Xenon Strobe 
3	<b>ASL</b> max. 120 dB 	<b>ASL + QDL</b> LED Steady/Flashing 	<b>ADL</b> LED Steady/Flashing 	<b>QSL</b> LED Steady/Flashing 	<b>QDL</b> LED Steady/Flashing 
		<b>ASL + QBL</b> LED Multi Strobe 	<b>ACL</b> LED Strobe 	<b>QCL</b> LED Multi Strobe 	<b>QBL</b> LED Multi Strobe 
4	<b>ASX</b> max. 127 dB 	<b>ASX + QDX</b> LED Steady/Flashing 	<b>ADX</b> LED Steady/Flashing 	<b>QSX</b> LED Steady/Flashing 	<b>QDX</b> LED Steady/Flashing 
		<b>ASX + QBX</b> LED Multi Strobe 	<b>ACX</b> LED Strobe 	<b>QCX</b> LED Multi Strobe 	<b>QBX</b> LED Multi Strobe 

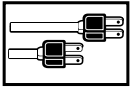


QSS



QSM





## Technical data

Type	QSS Size 1	QSM Size 2	QSL Size 3	QSX Size 4	QTS Size 1	QTM Size 2	QCL Size 3	QCX Size 4
Housing	polycarbonate							
Housing colour	beacon red RAL 3000, buzzer indicator black							
Lens colour	amber, red, clear, blue, green, yellow							
Cable entry	grommet from back, 5-10 mm cable gland M20x1,5 from side, 7-14 mm (accessory)							
Mounting	arbitrary							
Duty cycle factor	100%							
Terminals	up to 2,5 mm <sup>2</sup>							
Number of tones	2		3		2		3	
Tone frequency	3.500 Hz	3.300 Hz			3.500 Hz	3.300 Hz		
Volume control	---	by potentiometer			---	by potentiometer		
Max. Sound pressure	80 dB	85-100 dB	85-105 dB		80 dB	85-100 dB	85-105 dB	
Light source	LED				xenon strobe		LED	
Lifetime (light source)	~ 50.000 h				~ 5 mio flashes	~ 15 mio flashes	~ 50.000 h	
Flashing/strobe frequency	1,4 Hz				~ 1 Hz		double strobe 1,4 Hz / 6 times strobe 1,0 Hz / multi strobe	
Light intensity*	10 Cd	120 Cd	170 Cd	300 Cd			250 Cd	400 Cd
Strobe energy	---				~5 J	~10 J	---	
Temperature range	-30 °C to +60 °C				-30 °C to +60 °C			
Weight	0,3 kg	0,54 kg	1,77 kg	2,77 kg	0,33 kg	0,59 kg	1,77 kg	2,77 kg

\* valid for clear lenses

### Size comparison



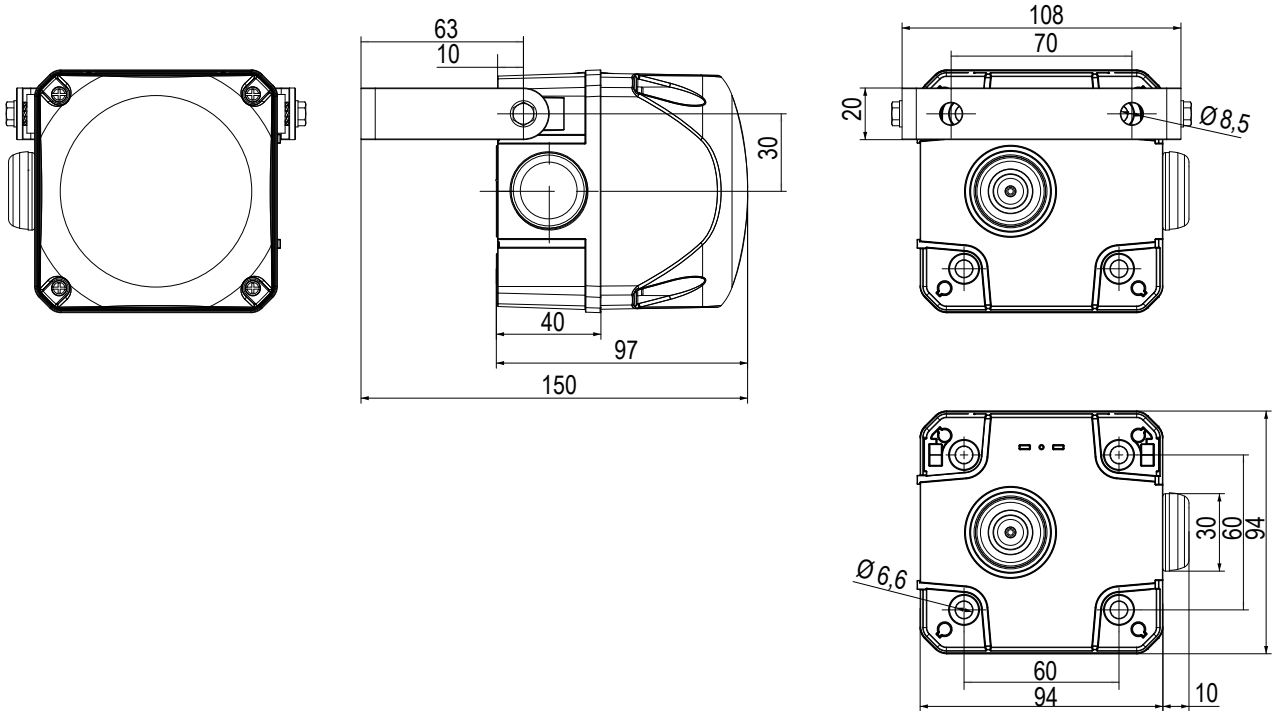
**Size 1**  
94 mm

**Size 2**  
132 mm

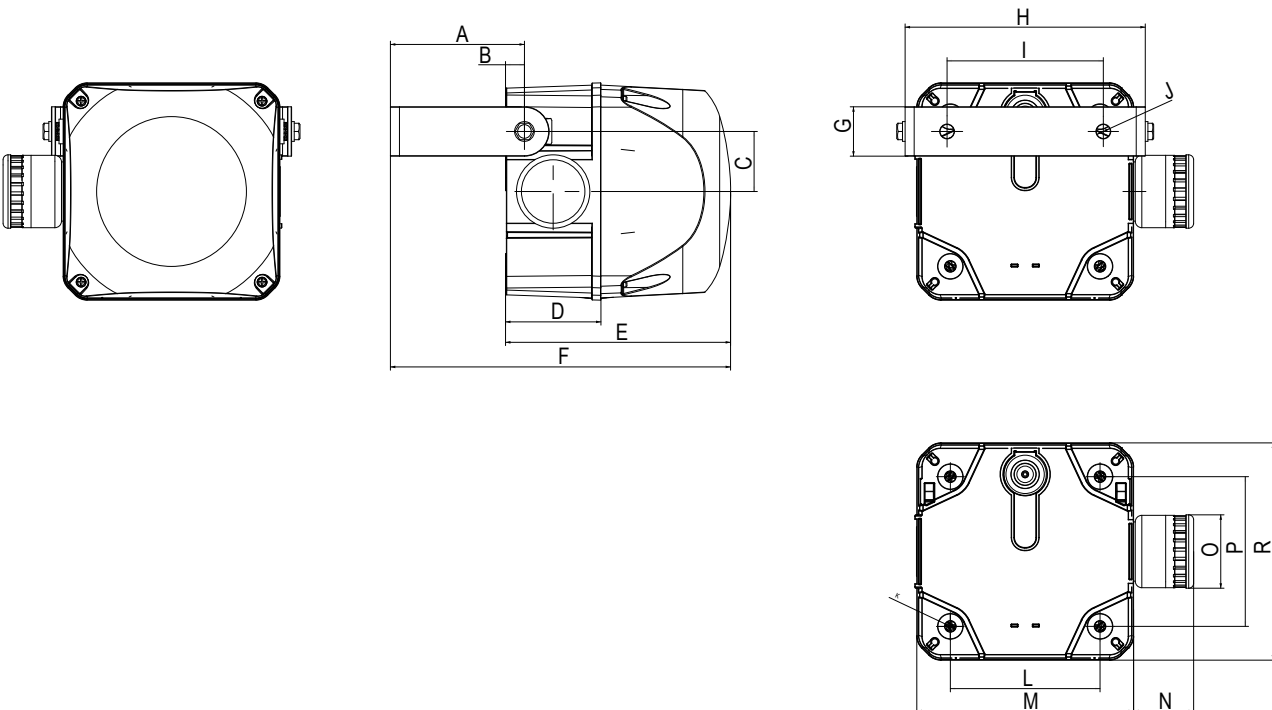
**Size 3**  
184 mm

**Size 4**  
228 mm

**QSS/QTS (Size 1)**



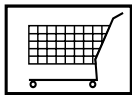
**QSM/QTM (Size 2), QSL/QCL (Size 3), QSX/QCX (Size 4)**



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R
<b>Size 2</b>	82	12	37	57	137	207	30	146	95	8,5	6,6	91	132	37	45	91	132
<b>Size 3</b>	106	19	55	73	176	263	40	205	112	8,5	6,6	124	184	44	65	124	184
<b>Size 4</b>	138	17	63	91	223	345	50	248	140	8,5	6,6	167	228	45	65	167	228

Measuring unit mm

# Beacons „Q“ with Buzzer Indicator



## Order data

Type	Denomination	Light source	Nominal voltage (V)	Voltage range (V)	Nominal current (A)	Order No. Housing red
QSS	LED steady/flashing beacon size 1 with buzzer indicator	LED 10 Cd	24 V AC/DC	+/- 10%	0,156	876 16C 405
			110/120 V AC		0,077	876 16C 310
			230/240 V AC		0,080	876 16C 313
QSM	LED steady/flashing beacon size 2 with buzzer indicator	LED 120 Cd	24 V AC/DC	+/- 10%	0,320	876 26C 405
			110/120 V AC		0,112	876 26C 310
			230/240 V AC		0,110	876 26C 313
QSL	LED steady/flashing beacon size 3 with buzzer indicator	LED 170 Cd	24 V AC/DC	+/- 10%	0,837	876 36C 405
			110/120 V AC		0,252	876 36C 310
			230/240 V AC		0,254	876 36C 313
QSX	LED steady/flashing beacon size 4 with buzzer indicator	LED 300 Cd	24 V AC/DC	+/- 10%	1,860	876 46C 405
			110/120 V AC		0,392	876 46C 310
			230/240 V AC		0,394	876 46C 313
QTS	Xenon strobe beacon size 1 with buzzer indicator	xenon tube ~5 J	24 V AC/DC	+/- 10%	0,496	876 56C 405
			110/120 V AC		0,167	876 56C 310
			230/240 V AC		0,095	876 56C 313
QTM	Xenon strobe beacon size 2 with buzzer indicator	xenon tube ~10 J	24 V AC/DC	+/- 10%	0,919	876 66C 405
			110/120 V AC		0,302	876 66C 310
			230/240 V AC		0,200	876 66C 313
QCL	LED multi strobe beacon size 3 with buzzer indicator	LED 250 Cd	24 V AC/DC	+/- 10%	0,867	876 76C 405
			110/120 V AC		max. 0,262	876 76C 310
			230/240 V AC		max. 0,264	876 76C 313
QCX	LED multi strobe beacon size 4 with buzzer indicator	LED 400 Cd	24 V AC/DC	+/- 10%	max. 1,760	876 86C 405
			110/120 V AC		max. 0,440	876 86C 310
			230/240 V AC		max. 0,440	876 86C 313

## Accessories

Type	Denomination	Order No.
AMK	Mounting kit for combinations of multi tone alarm sounders „A“ and/or beacons „Q“	874 010 900
AG1	Flat gasket for size 1 multi tone alarm sounders „A“ and/or beacons „Q“	874 021 900
AG2	Flat gasket for size 2 multi tone alarm sounders „A“ and/or beacons „Q“	874 022 900
AG3	Flat gasket for size 3 multi tone alarm sounders „A“ and/or beacons „Q“	874 023 900
AG4	Flat gasket for size 4 multi tone alarm sounders „A“ and/or beacons „Q“	874 024 900
AB1	Metal bracket kit for size 1 multi tone alarm sounders „A“ and/or beacons „Q“	874 031 900
AB2	Metal bracket kit for size 2 multi tone alarm sounders „A“ and/or beacons „Q“	874 032 900
AB3	Metal bracket kit for size 3 multi tone alarm sounders „A“ and/or beacons „Q“	874 033 900
AB4	Metal bracket kit for size 4 multi tone alarm sounders „A“ and/or beacons „Q“	874 034 900
AKV	Cable gland M20x1,5 for multi tone alarm sounders „A“ and/or beacons „Q“	698 800 026

### Colour code for lens

Colour code for lens		C	
1	amber	5	blue
2	red	6	green
4	clear	7	yellow