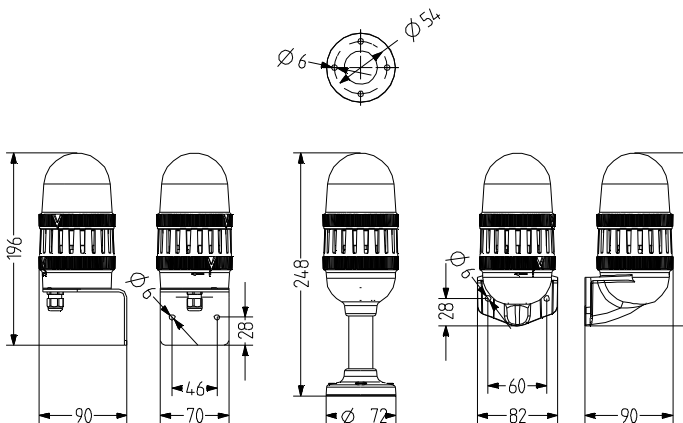
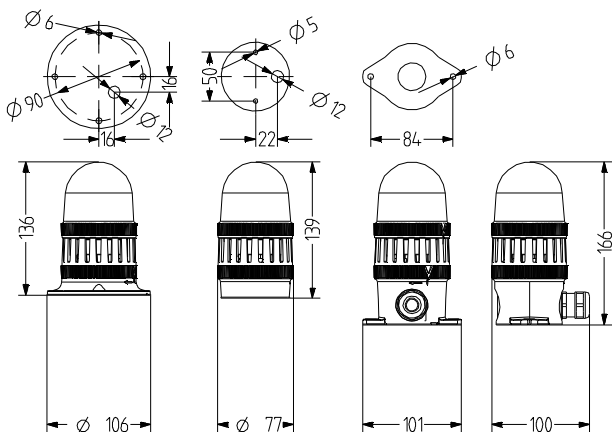


TLL+TDE

- Ø 75 mm LED steady beacon combined with Piezo buzzer
 - Modular design – 7 types of mounting
 - User-friendly connection technology
- BA15d socket for 7 W incandescent bulbs
 - Up to 100 dB (A) sound pressure, infinitely adjustable
 - Steady or pulsing tone can be selected via DIP switch
 - For general applications



TECHNICAL DATA - VISUAL EQUIPMENT

Housing	Ø 75 mm, Polycarbonate black (RAL 9005)
Lens	Polycarbonate, ribbed inside orange, red, clear, blue, green or yellow
Type of mounting	horizontal, vertical or Tube mounting
Cable entry	depending on base
Connection technology	Push-in terminal 2,5 mm²
Leakage current	0,003 A (PLC-suitable)
Beacon type	Steady beacon
Light source	Incandescent bulb
Duty cycle	100 %
Service life	Light source: 1.000 - 2.000 h
Operating temperature	-30°C/+60°C
Degree of protection	IP66 & UL Type 4/4x/13
Impact resistance	IK08
Weight	75 g

TECHNICAL DATA - AUDIBLE EQUIPMENT

Housing	Ø 75 mm Polycarbonate black (RAL 9005)
Type of mounting	horizontal, vertical or Tube mounting
Connection technology	Screw terminal
Leakage current	0,003 A
Tone	2 Tones, 1 Tones can be switched externally, Steady tone or Pulsing tone
Volume	88-100 dB (can be adjusted with potentiometer)
Tone frequency	2.800 Hz
Duty cycle	100 %
Operating temperature	-30 °C / +60 °C
Degree of protection	IP66 & UL Type 4/4x/13
Impact resistance	IK08
Weight	128 g



TLL+TDE

VISUAL EQUIPMENT: TLL

Type	Lens colour	Nominal voltage	Order number
TLL	orange	12-240 V	859 521 900
	red	12-240 V	859 522 900
	clear	12-240 V	859 524 900
	blue	12-240 V	859 525 900
	green	12-240 V	859 526 900
	yellow	12-240 V	859 527 900

AUDIBLE EQUIPMENT: TDE

Type	Nominal voltage	Voltage range (V)	Nominal current (A)	Mains frequency	Order number
TDE	24 V AC/DC	18-27 V AC	0,048	50-60 Hz	859 560 405
		20-32 V DC	0,030		
	110-120 V AC	75-132	0,040	50-60 Hz	859 560 310
	230-240 V AC	150-264	0,040	50-60 Hz	859 560 313



TMW



TMF



TMV



TMR



TNL



TNW

ORDER DATA - BASE

Type	Type of accessory	Type of mounting	Tube length	Weight	Order number
TMW	Base for horizontal mounting, with internal mounting holes	horizontal		46 g	859 500 900
TMF	Base for horizontal mounting, with external mounting holes	horizontal		71 g	859 510 900
TMV	Base for vertical mounting	vertical		83 g	859 520 900
TMR	Tube base for tube mounting, with aluminium tube/plastic foot	Tube mounting	100 mm	128 g	859 532 900
			250 mm	176 g	859 533 900
TNL	Base for horizontal mounting, with side cable entry	horizontal		94 g	859 515 900
TNW	Tube base for NPT 1/2" tube mounting	Tube NPT 1/2"		54 g	859 540 900



Incandescent bulb

ORDER DATA - LIGHT SOURCE

Type	Type of accessory	Nominal voltage	Nominal current (A)	Output	Order number
GL01	Incandescent bulb	12 V	0,420	5,000 W	890 010 904
GL02	Incandescent bulb	24 V	0,270	7,000 W	890 010 905
GL03	Incandescent bulb	48 V	0,105	7,000 W	890 010 908
GL04	Incandescent bulb	60 V	0,115	7,000 W	890 010 909
GL05	Incandescent bulb	110-120 V	0,060	7,000 W	890 010 910
		230-240 V		7,000 W	890 010 913



TVS



PV1

ACCESSORIES

Type	Type of accessory	Weight	Order number
TVS	Metal bracket made possible with TMW cable entry from bottom (incl. cable gland M12 × 1.5)	218 g	859 550 900
PV1	Ventilation element for optimum pressure equalisation, protection against condensation forming, compatible with TMW, TMF, TNL, UMW, UMF, UNL		859 100 000



Electronic