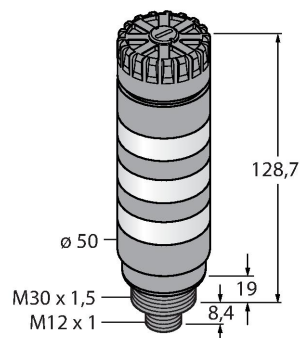


TL50BLGYRAQ

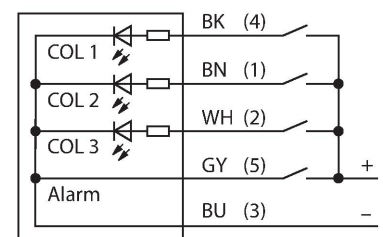
LED Signal Light – Tower Light



Features

- Plastic housing, black
- Protection class IP50
- EMI and RFI immune
- Multicolor: Green (COL 1) / Yellow (COL 2) / Red (COL 3)
- Operating voltage: 12...30 VDC or 24 VAC with 45 mA per LED color
- Inputs: PNP/NPN
- Beeper max. 92 dB

Wiring diagram



Functional principle

The rugged multifunction TL50 beacon is available in many variations and is easily mounted. Each signal tower can be assembled from a maximum of four varicolored LEDs, with or without a beeper. You can also choose from three different lighting functions (steady, rotating, flashing). The lighting function is indicated in the type code after the color (no number: steady; 1: rotating; 2: flashing). Clearly visible status displays for indoor and outdoor applications. The wiring diagram shows a PNP pin assignment.

5 colors are available, blue (B), green (G), red (R), yellow (Y) and white (W), which specify the light sequence from bottom to top in the type designation of the tower light. Example: TL50GYRQ, designates the colors green, yellow and red from bottom to top.

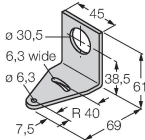
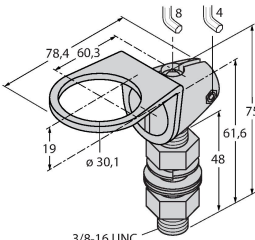
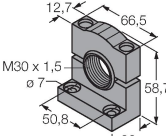
Technical data

Type	TL50BLGYRAQ
ID	3019262
Signal and display data	
Purpose	LED indicator light
Function	Tower light
Light type	Green Yellow Red
Dimmable	No
Features of color 1	Green, Permanently on, 52 lm
Features of color 2	Yellow, Permanently on, 15 lm
Features of color 3	Red, Permanently on, 24 lm
Acoustic signal	Continuous tone, 92 dB
Electrical data	
Operating voltage U_B	12...30 VDC
DC rated operating current I_o	≤ 125 mA
Operating voltage U_B	21...27 VAC
AC rated operational current	≤ 100 mA
Max. current consumption per color	125 mA
Max. current consumption of beeper	25 mA
Input type	Bipolar (PNP/NPN)
Response time typical	< 1 ms
Mechanical data	
Cascadable	No
Design	Smooth barrel, TL50BL
Dimensions	Ø 50 x 156.1 mm
Housing material	Plastic, ABS, Black

Technical data

Window material	Polycarbonate, clear
Electrical connection	Connector, M12 × 1, PVC
Number of cores	5
Ambient temperature	-20...+50 °C
Relative humidity	0...95 %
Protection class	IP50
Tests/approvals	
Approvals	CE, UL listed

Accessories

SMB30A	3032723	SMB30FA	3074005
 Technical drawing of the SMB30A mounting bracket. It is a rectangular bracket made of stainless steel. Dimensions include: overall width 45, mounting hole diameter $\varnothing 30,5$, bracket width 6,3, mounting hole offset 6,3, mounting hole diameter $\varnothing 6,3$, mounting hole offset 38,5, mounting hole offset 61, mounting hole offset 7,5, mounting hole offset 69, and mounting hole offset R 40.	Mounting bracket, rectangular, stainless steel, for sensors with 30mm thread	 Technical drawing of the SMB30FA mounting bracket. It is a mounting angle made of Werkstoff VA 1.4401. Dimensions include: overall width 78,4, mounting hole diameter $\varnothing 30,1$, mounting hole offset 60,3, mounting hole offset 19, mounting hole offset 75, mounting hole offset 61,6, mounting hole offset 48, and mounting hole offset 3/8-16 UNC.	Montagewinkel; Werkstoff VA 1.4401
SMB30SC	3052521		
 Technical drawing of the SMB30SC mounting bracket. It is a mounting bracket made of PBT black. Dimensions include: overall width 12,7, mounting hole diameter $\varnothing 66,5$, mounting hole offset 58,7, mounting hole offset 50,8, mounting hole offset 29, and mounting hole offset M30 x 1,5.	Mounting bracket, PBT black, for sensors with 30 mm thread, rotatable		

Accessories

Dimension drawing	Type	ID	
	RKC4.5T-2/TEL	6625016	Connection cable, M12 female connector, straight, 5-pin, cable length: 2 m, jacket material: PVC, black; cULus approval
	WKC4.5T-2/TEL	6625028	Connection cable, M12 female connector, angled, 5-pin, cable length: 2 m, jacket material: PVC, black; cULus approval