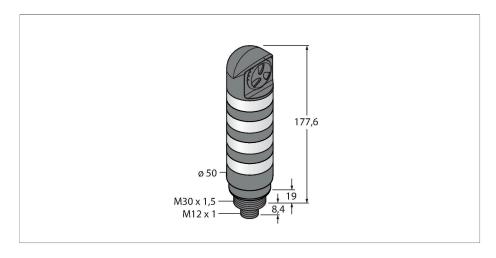


TL50BLBGYRALSQ LED Signal Light – Tower Light



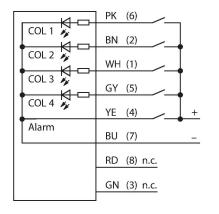
Technical data

Туре	TL50BLBGYRALSQ		
ID	3019250		
Signal and display data			
Purpose	LED indicator light		
Function	Tower light		
Light type	Blue Green Yellow Red		
Dimmable	No		
Features of color 1	Blue, Permanently on, 16 lm		
Features of color 2	Green, Permanently on, 52 Im		
Features of color 3	Yellow, Permanently on, 15 lm		
Features of color 4	Red, Permanently on, 24 Im		
Acoustic signal	Continuous tone, 94 dB		
Electrical data			
Operating voltage U _B	1230 VDC		
DC rated operating current I _e	≤ 125 mA		
Operating voltage U _B	2127 VAC		
AC rated operational current	≤ 100 mA		
Max. current consumption per color	125 mA		
Max. current consumption of beeper	35 mA		
Input type	Bipolar (PNP/NPN)22		
Response time typical	< 1 ms		
Mechanical data			
Cascadable	No		
Design	Smooth barrel, TL50BL		
Dimensions	Ø 50 x 204.9 mm		

Features

- ■Black plastic housing
- ■Protection class IP67
- ■EMI and RFI immune
- Multicolor: Blue (COL 1) / Green (COL 2) / Yellow (COL 3) / Red (COL 4)
- Operating voltage: 12...30 VDC or 24 VAC with 45 mA per LED color
- ■Inputs: PNP/NPN
- ■Beeper: Sealed, continuous tone max. 94 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

Housing material	Plastic, ABS, Black		
Window material	Polycarbonate, clear		
Electrical connection	Connector, M12 × 1, PVC		
Number of cores	8		
Ambient temperature	-20+50 °C		
Relative humidity	095 %		
Protection class	IP67		
Tests/approvals			
Approvals	CE, UL listed		

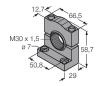
Accessories

SMB30A 3032723 Mounting bracket, rectangular, stainless steel, for sensors with 30mm

thread

SMB30FA 3074005 Montagewinkel; Werkstoff VA 1.4401

SMB30SC 3052521 Mounting bracket, PBT black, for sensors with 30 mm thread, rotatable



Accessories

Dimension drawing	Туре	ID	
	RKC8T-2/TEL	6625130	Connection cable, M12 female connector, straight, 8-pin, cable length: 2 m, jacket material: PVC, black; cULus
M13 v 1 a 15 /5 14			· .



approval



Dimension drawing

Type

WKC8T-2/TEL

6625133

Connection cable, M12 female connector, angled, 8-pin, cable length: 2 m, jacket material: PVC, black; cULus approval