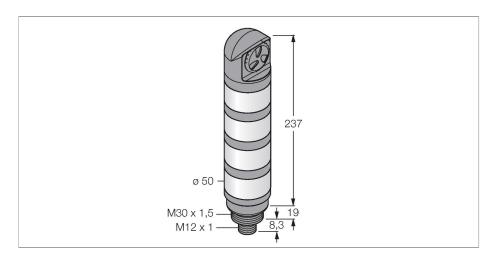


# TL50HBGYRALSQ LED Signal Light – Tower Light





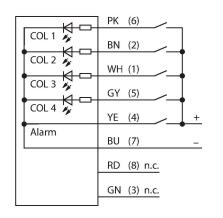
Туре	TL50HBGYRALSQ
ID	3016663
Signal and display data	
Purpose	LED indicator light
Function	Tower light
Light type	Blue Green Yellow Red
Dimmable	No
Features of color 1	Blue, Permanently on, 23 Im
Features of color 2	Green, Permanently on, 60 Im
Features of color 3	Yellow, Permanently on, 23 Im
Features of color 4	Red, Permanently on, 32 Im
Acoustic signal	Continuous tone, 94 dB
Electrical data	
Operating voltage U <sub>B</sub>	1830 VDC
DC rated operating current I <sub>e</sub>	≤ 100 mA
Operating voltage U <sub>B</sub>	2127 VAC
Max. current consumption per color	100 mA
Max. current consumption of beeper	35 mA
Input type	Bipolar (PNP/NPN)
Response time typical	< 10 ms
Mechanical data	
Cascadable	No
Design	Smooth barrel, TL50
Dimensions	Ø 50 x 264.6 mm



### **Features**

- ■Plastic housing, black
- ■EMI and RFI immune
- ■Protection class IP67
- ■M12 x 1 male
- Multicolor: Blue (COL 1) / Green (COL 2) / Yellow (COL 3) / Red (COL 4)
- Operating voltage: 18...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 TL50H tower lights, in the high-brightness version, provide highly visible status indicators and a clear user guidance within the entire system. They can be assembled from varicolored LEDs and are available with or without beeper. You can mount them directly on machines, in the cabinet or in monitoring locations of production lines.

The wiring diagram shows a PNP pin assignment.

Housing material	Plastic, ABS, Black
Window material	Polycarbonate, diffuse
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

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

### Accessories

Dimension drawing

Type

RKC8T-2/TEL

6625130

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

WKC8T-2/TEL

6625133

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