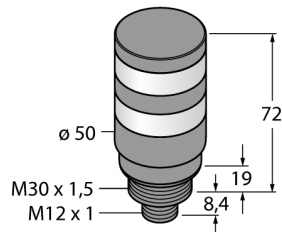
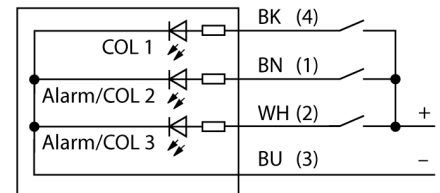


# LED Signal Light Tower Light TL50BLGR1CQ



- Plastic housing, gray
- Protection class IP67
- Protection against electromagnetic and high-frequency interference
- Colors: Green (COL 1)/Red rotating (COL 2)
- Operating voltage: 12...30 VDC or 24 VAC with 45 mA per LED color
- Inputs: PNP/NPN

## 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.

Type	TL50BLGR1CQ
ID	3094422
<b>Signal and display data</b>	
Purpose	LED indicator light
Function	Tower light
Light type	Green Red
Dimmable	No
Features of color 1	Green, Permanently on, 52 lm
Features of color 2	Red, Rotating, 24 lm
<b>Electrical data</b>	
Operating voltage $U_s$	12...30 VDC
DC rated operating current $I_s$	$\leq 125$ mA
Operating voltage $U_s$	21...27VAC
AC rated operational current	$\leq 100$ mA
Max. current consumption per color	125 mA
Input type	Bipolar (PNP/NPN)
Response time typical	$< 1$ ms
<b>Mechanical data</b>	
Cascadable	No
Design	Smooth barrel, TL50BL
Dimensions	$\varnothing 50 \times 99.4$ mm
Housing material	Plastic, ABS, Grey
Window material	Polycarbonate, clear
Electrical connection	Connector, M12 $\times$ 1, PVC
Number of cores	4
Ambient temperature	-40...+50 °C
Relative humidity	0...95%
Protection class	IP67
<b>Tests/approvals</b>	
Approvals	CE, UL listed

