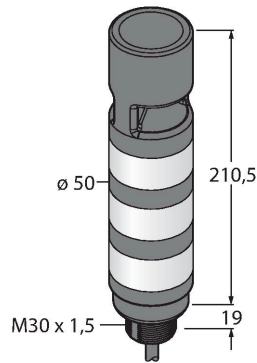


TL50HGBRAOS3I

LED Indicator – Tower Light



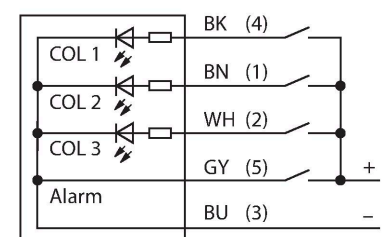
Technical data

Type	TL50HGBRAOS3I
ID	3097136
Signal and display data	
Purpose	LED indicator light
Function	Tower light
Light type	Green Blue Red
Dimmable	No
Features of color 1	Green, Permanently on, 60 lm
Features of color 2	Blue, Permanently on, 23 lm
Features of color 3	Red, Permanently on, 32 lm
Acoustic signal	Pulsed with adjustable intensity, 95 dB
Electrical data	
Operating voltage	18...30 VDC
DC rated operational current	≤ 100 mA
Operating voltage	21...27 VAC
Max. current consumption per color	100 mA
Max. current consumption of beeper	45 mA
Input type	Bipolar (PNP/NPN)22
Response time typical	< 10 ms
Mechanical data	
Cascadable	No
Design	Smooth barrel, TL50
Dimensions	Ø 50 x 229.6 mm
Housing material	Plastic, ABS, Black
Window material	Polycarbonate, diffuse

Features

- Plastic housing, black
- EMI and RFI immune
- Protection class IP67
- Cable, 2 m
- Colors: Green (COL 1) / Blue (COL 2) / Red (COL 3)
- Beeper, omnidirectional, 99 dB, staccato beep, intensity regulation
- Operating voltage: 18...30 VDC or 24 VAC with 45 mA per LED color
- Inputs: PNP/NPN
- Beeper: Omnidirectional, sealed, pulsed tone with adjustable intensity max. 95 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. 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:

Technical data

TL50GYRQ, colors green, yellow and red
arranged from bottom to top.

Electrical connection	Cable, 2 m, PVC
Number of cores	5
Ambient temperature	-20...+50 °C
Relative humidity	0...95 %
Protection class	IP67
Tests/approvals	
Approvals	CE, UL listed