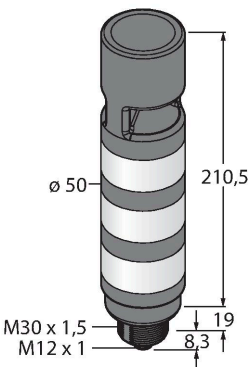


TL50HGYRAOS4IQ

LED Signal Light – Tower Light



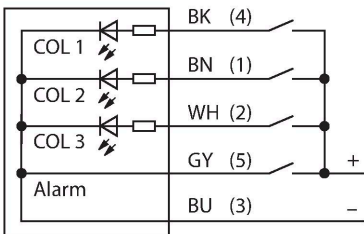
Technical data

Type	TL50HGYRAOS4IQ
ID	3093608
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, 60 lm
Features of color 2	Yellow, Permanently on, 23 lm
Features of color 3	Red, Permanently on, 32 lm
Acoustic signal	Staccato with adjustable intensity, 95 dB
Electrical data	
Operating voltage U _B	18...30 VDC
DC rated operating current I _o	≤ 100 mA
Operating voltage U _B	21...27 VAC
Max. current consumption per color	100 mA
Max. current consumption of beeper	45 mA
Input type	Bipolar (PNP/NPN)
Response time typical	< 10 ms
Mechanical data	
Cascadable	No
Design	Smooth barrel, TL50
Dimensions	Ø 50 x 238 mm
Housing material	Plastic, ABS, Black
Window material	Polycarbonate, diffuse

Features

- Plastic housing, black
- EMI and RFI immune
- Protection class IP67
- M12 x 1 male
- Multicolor: Green (COL 1) / Yellow (COL 2) / Red (COL 3)
- Operating voltage: 18...30 VDC or 24 VAC with 45 mA per LED color
- Inputs: PNP/NPN
- Beeper: Omnidirectional, sealed, staccato with adjustable intensity max. 95 dB

Wiring diagram



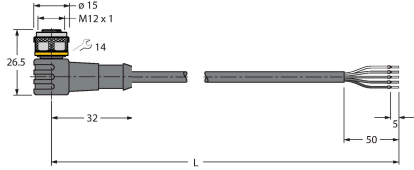
Functional principle

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

Technical data

Electrical connection	Connector, M12 × 1, PVC
Number of cores	5
Ambient temperature	-20...+50 °C
Relative humidity	0...95 %
Protection class	IP67
Tests/approvals	
Approvals	CE, UL listed

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