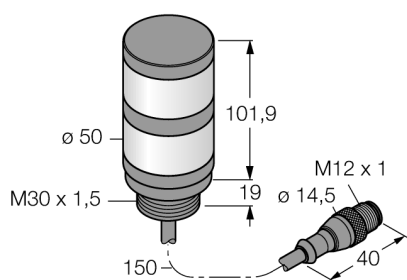


LED Signal Light

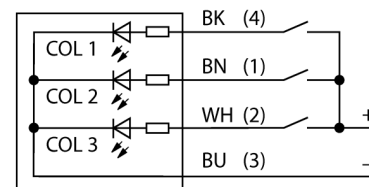
High-intensity Tower Light

TL50HYR1QPMA



- Plastic housing, black
- Protection against electromagnetic and high-frequency interference
- Protection class IP67
- PUR cable with M12 × 1 male connector, 150 mm
- Colors: Yellow (COL 1)/Red rotating (COL 2)
- Operating voltage: 18...30 VDC or 24 VAC with 45 mA per LED color
- Inputs: PNP/NPN

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 various colored 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.

Type	TL50HYR1QPMA
ID	3087139
Signal and display data	
Purpose	LED indicator light
Function	Tower light
Light type	Yellow
	Red, rotating
Dimmable	No
Features of color 1	Yellow, Permanently on, 23 lm
Features of color 2	Red, Permanently on, 32 lm
Electrical data	
Operating voltage U_o	18...30 VDC
DC rated operating current I_o	≤ 100 mA
Operating voltage U_o	21...27VAC
AC rated operational current	≤ 100 mA
Max. current consumption per color	100 mA
Input type	Bipolar (PNP/NPN)22
Response time typical	< 10 ms
Mechanical data	
Cascadable	No
Design	Smooth barrel, TL50H
Dimensions	Ø 50 x 120.8 mm
Housing material	Plastic, ABS, Black
Window material	Polycarbonate, diffuse
Electrical connection	Cable with connector, M12 × 1, 0.15 m, PUR
Number of cores	4
Ambient temperature	-40...+50 °C
Relative humidity	0...95%
Protection class	IP67
Tests/approvals	
Approvals	CE, UL listed

Accessories

Type code	Ident no.	Dimension drawing
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