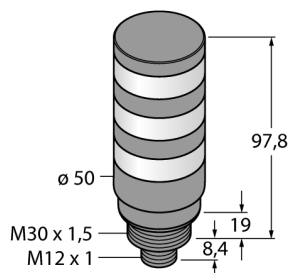
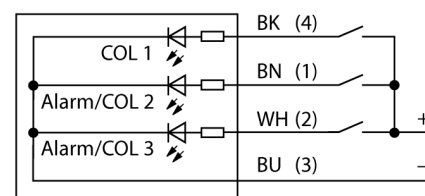


LED Signal Light Tower Light TL50BLGY1R2Q



- Black plastic housing
- Protection class IP67
- EMI and RFI immune
- Male M12x1
- Multicolor: Green (COL 1) / Yellow (COL 2) / Red (COL 3)
- Operating voltage: 12...30 VDC or 24 VAC with 45 mA per LED color
- Inputs: PNP/NPN

Wiring Diagram



Functional principle

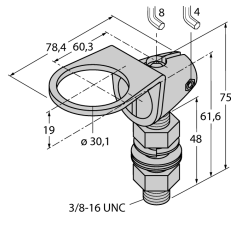
The rugged multifunction TL50 beacon is available in many variations and is easily mounted. Each signal tower can be assembled from a maximum of four varicolored LEDs, with or without a beeper. You can also choose from three different lighting functions (steady, rotating, flashing). The lighting function 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	TL50BLGY1R2Q
ID	3026323
Signal and display data	
Purpose	LED indicator light
Function	Tower light
Light type	Green Yellow, rotating Red, flashing
Dimmable	No
Features of color 1	Green, Permanently on, 52 lm
Features of color 2	Yellow, Rotating, 15 lm
Features of color 3	Red, Flashing, 24 lm
Electrical data	
Operating voltage U_s	12...30 VDC
DC rated operating current I_s	≤ 125 mA
Operating voltage U_s	21...27VAC
AC rated operational current	≤ 100 mA
Max. current consumption per color	125 mA
Input type	Bipolar (PNP/NPN)
Response time typical	< 1 ms
Mechanical data	
Cascadable	No
Design	Smooth barrel, TL50BL
Dimensions	Ø 50 x 125.2 mm
Housing material	Plastic, ABS, Black
Window material	Polycarbonate, clear
Electrical connection	Connector, M12 × 1, PVC
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	 Technical drawing of the SMB30A mounting bracket. It is a rectangular stainless steel bracket for sensors with a 30mm thread. Dimensions include: overall width 45, mounting hole diameter $\phi 30.5$, bracket width 6.3, hole diameter $\phi 6.3$, hole-to-hole distance 38.5, hole-to-edge distance 6.1, bottom flange width 7.5, and a radius R 40.
SMB30FA	3074005	Montagewinkel; Werkstoff VA 1.4401	 Technical drawing of the SMB30FA mounting angle. It is a 90-degree angle bracket made of VA 1.4401 material. Dimensions include: overall width 78.4, mounting hole diameter $\phi 30.1$, hole-to-hole distance 60.3, hole-to-edge distance 19, and a hole diameter of 1. The bracket is designed for a 3/8-16 UNC thread. Other dimensions shown are 8, 4, 75, 61.6, and 48.
SMB30SC	3052521	Mounting bracket, PBT black, for sensors with 30 mm thread, rotatable	 Technical drawing of the SMB30SC mounting bracket. It is a black PBT rotatable bracket for sensors with a 30 mm thread. Dimensions include: overall width 12.7, mounting hole diameter $\phi 7$, hole-to-hole distance 66.5, hole-to-edge distance 50.8, and a hole diameter of 1.5. The bracket is designed for an M30 x 1.5 thread. Other dimensions shown are 58.7 and 29.