

TL50BLY2R1ALSQ

LED Indicator – Tower Light

Technical data

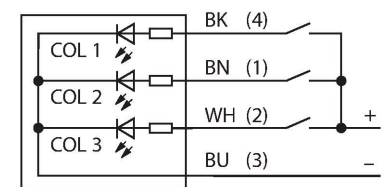
Type	TL50BLY2R1ALSQ
ID	3031025
Signal and display data	
Purpose	LED indicator light
Function	Tower light
Light type	Yellow, flashing Red, rotating
Dimmable	no
Features of color 1	Yellow, Flashing, 15 lm
Features of color 2	Red, Rotating, 24 lm
acoustic signal	Continuous tone, 94 dB
Electrical data	
Operating voltage	12...30 VDC
DC rated operational current	≤ 125 mA
Operating voltage	21...27 VAC
AC rated operational current	≤ 100 mA
Max. current consumption per color	125 mA
Max. current consumption of beeper	35 mA
Input type	Bipolar (PNP/NPN)
Response time typical	< 1 ms
Mechanical data	
Cascadable	No
Design	Smooth barrel, TL50BL
Dimensions	Ø 50 x 153.3 x 153.3 mm
Housing material	Plastic, ABS, Black
Window material	Polycarbonate, clear
Electrical connection	Connector, M12 × 1, 0.15 m, PVC
Number of cores	4
Ambient temperature	-20...+50 °C
Relative humidity	0...95 %
Protection class	IP67
Tests/approvals	
Approvals	CE, UL listed



Features

- Black plastic housing
- Protection class IP67
- EMI and RFI immune
- Colors: Yellow flashing (COL 1) / Red rotating (COL 2)
- Operating voltage: 12...30 VDC or 24 VAC with 45 mA per LED color
- Inputs: PNP/NPN
- Beeper: Sealed, continuous tone max. 94 dB

Wiring diagram



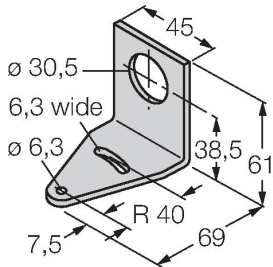
Functional principle

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.

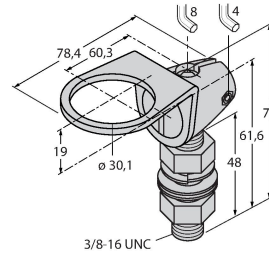
Accessories

SMB30A **3032723**



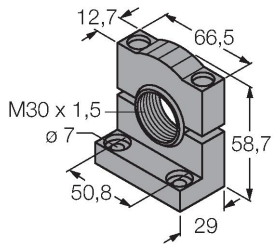
Mounting bracket, rectangular, stainless steel, for sensors with 30mm thread

SMB30FA **3074005**



Montagewinkel; Werkstoff VA 1.4401

SMB30SC **3052521**



Mounting bracket, PBT black, for sensors with 30 mm thread, rotatable

Accessories

Dimension drawing	Type	ID	
	RKC4.4T-2/TEL	6625013	Connection cable, female M12, straight, 4-pin, cable length: 2 m, sheath material: PVC, black; cULus approval; other cable lengths and qualities available, see www.turck.com
	WKC4.4T-2/TEL	6625025	Connection cable, female M12, angled, 4-pin, cable length: 2 m, sheath material: PVC, black; cULus approval; other cable lengths and qualities available, see www.turck.com