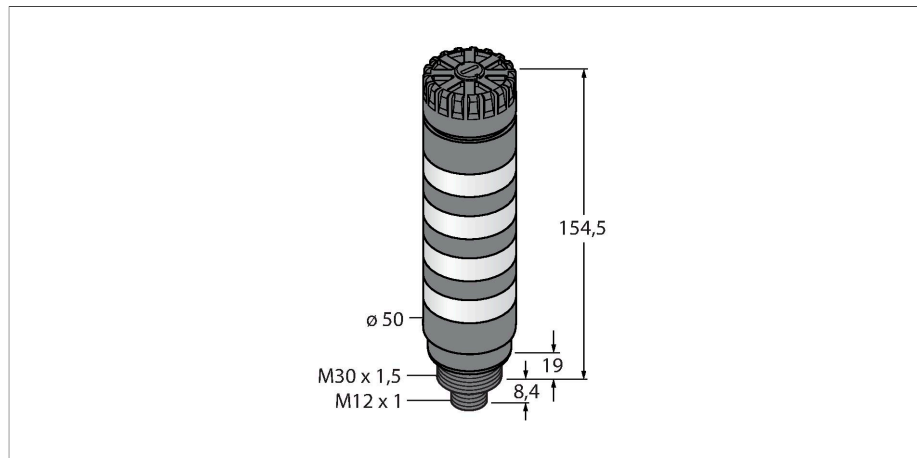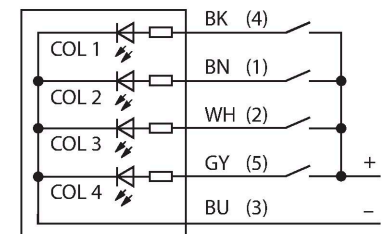# TL50BLR2Y1GB2AQ
LED Indicator –   Tower Light

Features

- ■ Plastic housing, black
- ■ Protection class IP50
- ■ EMI and RFI immune
- ■ Colors: Red flashing (COL 1) / Yellow rotating (COL 2) / Green (COL 3) / Blue flashing (COL 4)
- ■ Operating voltage: 12…30 VDC or 24 VAC with 45 mA per LED color
- ■ Inputs: PNP/NPN
- ■ Beeper max. 92 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.

Technical data

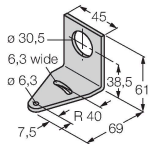| Type	TL50BLR2Y1GB2AQ
ID	3032301
Signal and display data	
Purpose	LED indicator light
Function	Tower light
Light type	Red, flashing Yellow, rotating Green Blue, flashing
Dimmable	No
Features of color 1	Red, Flashing, 24 lm
Features of color 2	Yellow, Rotating, 15 lm
Features of color 3	Green, Permanently on, 52 lm
Features of color 4	Blue, Flashing, 16 lm
Acoustic signal	Continuous tone, 92 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	25 mA
Input type	Bipolar (PNP/NPN)22
Response time typical	< 1 ms
Mechanical data	
Cascadable	No
Design	Smooth barrel, TL50BL
Dimensions	Ø 50 x 181.9 mm

Technical data

Housing material	Plastic, ABS, Black
Window material	Polycarbonate, clear
Electrical connection	Connector, M12 × 1, PVC
Number of cores	8
Ambient temperature	-20…+50 °C
Relative humidity	0…95 %
Protection class	IP50
Tests/approvals	
Approvals	CE, UL listed

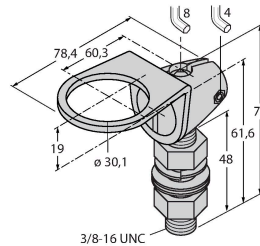## Accessories

SMB30A	3032723

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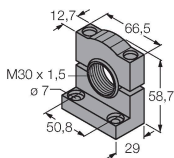

SMB30FA	3074005

Montagewinkel; Werkstoff VA 1.4401

SMB30SC	3052521

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

Accessories

Dimension drawing	Type	ID	
	RKC4.5T-2/TEL	6625016	Connection cable, M12 female connector, straight, 5-pin, cable length: 2 m, jacket material: PVC, black; cULus approval

Dimension drawing	Type	ID	
	WKC4.5T-2/TEL	6625028	Connection cable, M12 female connector, angled, 5-pin, cable length: 2 m, jacket material: PVC, black; cULus approval