

TL50BLBG1Y2R3ALSQP

LED Signal Light – Tower Light

Technical data

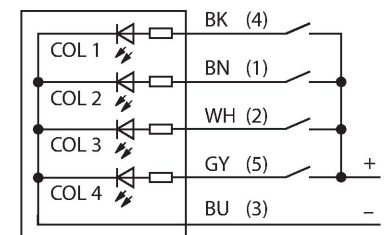
Type	TL50BLBG1Y2R3ALSQP
ID	3026823
Signal and display data	
Purpose	LED indicator light
Function	Tower light
Light type	Blue Green, rotating Yellow, flashing Red, flashing
Dimmable	No
Features of color 1	Blue, Permanently on, 16 lm
Features of color 2	Green, Rotating, 52 lm
Features of color 3	Yellow, Flashing, 15 lm
Acoustic signal	Continuous tone, 94 dB
Electrical data	
Operating voltage U_B	12...30 VDC
DC rated operating current I_e	≤ 125 mA
Operating voltage U_B	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 170.8 mm
Housing material	Plastic, ABS, Black
Window material	Polycarbonate, clear
Electrical connection	Cable with connector, M12 × 1, 0.15 m, PVC
Number of cores	8
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: Blue (COL 1) / Green rotating (COL 2) / Yellow flashing (COL 3) / Red flashing (COL 4)
- 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.

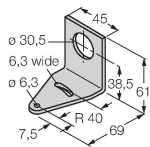
5 colors are available, blue (B), green (G), red (R), yellow (Y) and white (W), which specify the light sequence from bottom to top in the type designation of the tower light. Example:

TL50GYRQ, designates the colors green, yellow and red from bottom to top.

Accessories

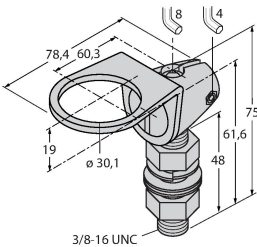
SMB30A 3032723

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



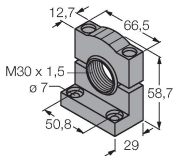
SMB30FA 3074005

Montagewinkel; Werkstoff VA 1.4401



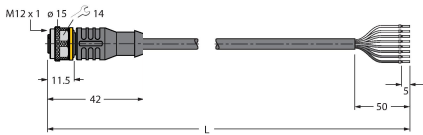
SMB30SC 3052521

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



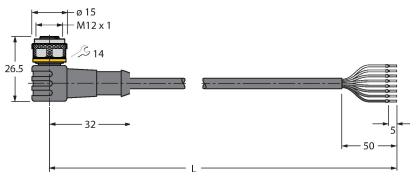
Accessories

Dimension drawing	Type	ID	
	RKC8T-2/TEL	6625130	



Connection cable, M12 female connector, straight, 8-pin, cable length: 2 m, jacket material: PVC, black; cULus approval

WKC8T-2/TEL	6625133
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Connection cable, M12 female connector, angled, 8-pin, cable length: 2 m, jacket material: PVC, black; cULus approval