TL50BLYR2YR2C
LED Indicator –   Tower Light

Technical data
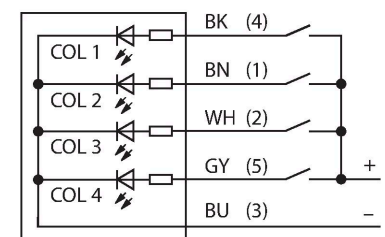
Type	TL50BLYR2YR2C
ID	3027985
Signal and display data	
Purpose	LED indicator light
Function	Tower light
Light type	Yellow Red, flashing Yellow Red, flashing
Dimmable	no
Features of color 1	Yellow, Permanently on, 15 lm
Features of color 2	Red, Flashing, 24 lm
Features of color 3	Yellow, Permanently on, 15 lm
Features of color 4	Red, Flashing, 24 lm
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
Input type	Bipolar (PNP/NPN)
Response time typical	< 1 ms
Mechanical data	
Cascadable	No
Design	Smooth barrel, TL50BL
Dimensions	Ø 50 x 142.6 x 142.6 mm
Housing material	Plastic, ABS, Grey
Window material	Polycarbonate, clear
Electrical connection	Cable, 2 m, PVC
Number of cores	5
Ambient temperature	-40…+50 °C
Relative humidity	0…95 %
Protection class	IP67
Tests/approvals	
Approvals	CE, UL listed

Features

- Plastic housing, gray
- Protection class IP67
- Protection against electromagnetic and high-frequency interference
- Colors: Yellow (COL 1) / Red flashing (COL 2) / Yellow (COL 3) / Red flashing (COL 4)
- Operating voltage: 12…30 VDC or 24 VAC with 45 mA per LED color
- Inputs: PNP/NPN

Wiring diagram

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COL 1 ─▷|─□─ BK   (4)
COL 2 ─▷|─□─ BN   (1)
COL 3 ─▷|─□─ WH   (2)
COL 4 ─▷|─□─ GY   (5)    +
             BU   (3)    −
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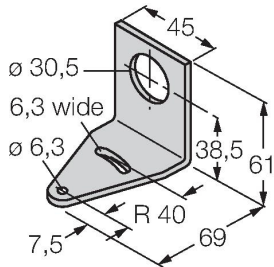
Functional principle

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.
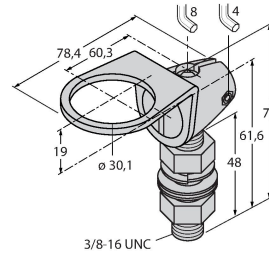
Accessories

SMB30A   3032723

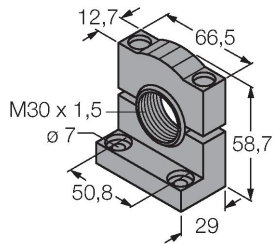Mounting bracket, rectangular, stainless steel, for sensors with 30mm thread

ø 30,5
6,3 wide
ø 6,3
45
38,5
61
R 40
7,5
69

SMB30FA   3074005

Montagewinkel; Werkstoff VA 1.4401

8 4
78,4 60,3
19
ø 30,1
75
61,6
48
3/8-16 UNC

SMB30SC   3052521

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

12,7
66,5
M30 x 1,5
ø 7
58,7
50,8
29