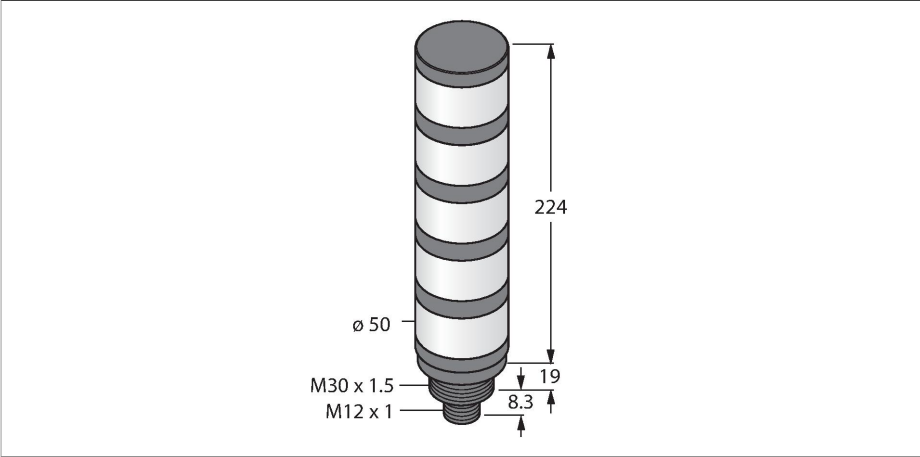


TL50YBRGWQ
LED Signal Light – Tower Light



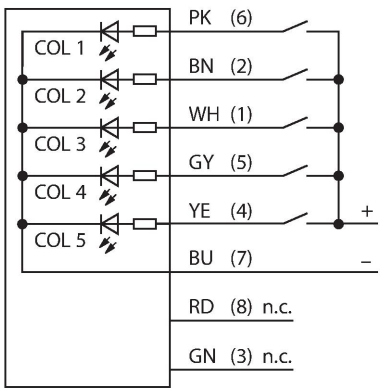
Technical data

Type	TL50YBRGWQ
ID	3092124
Signal and display data	
Purpose	LED indicator light
Function	Tower light
Light type	Yellow Blue Red Green White
Dimmable	No
Features of color 1	Yellow, Permanently on, 5 lm
Features of color 2	Blue, Permanently on, 4.5 lm
Features of color 3	Red, Permanently on, 7.5 lm
Features of color 4	Green, Permanently on, 23 lm
Features of color 5	White, Permanently on, 21 lm
Electrical data	
Operating voltage U_B	18...30 VDC
DC rated operating current I_o	≤ 45 mA
Operating voltage U_B	21...27 VAC
AC rated operational current	≤ 45 mA
Max. current consumption per color	45 mA
Input type	Bipolar (PNP/NPN)
Response time typical	< 10 ms
Mechanical data	
Cascadable	No
Design	Smooth barrel, TL50
Dimensions	Ø 50 x 251.3 mm

Features

- Plastic housing, black
- EMI and RFI immune
- Protection class IP67
- M12 × 1 male connector
- Multicolor: Yellow (COL 1) / Blue (COL 2) / Red (COL 3) / Green (COL 4) / White (COL 5)
- Operating voltage: 18...30 VDC or 24 VAC with 45 mA per LED color
- Inputs: PNP/NPN

Wiring diagram



Functional principle

The TL50 tower lights provide highly visible status indicators and a clear user guidance within the entire system. They can be assembled from varicolored LEDs and are available with or without beeper. You can mount them directly on machines, in the cabinet or in monitoring locations of production lines.

The wiring diagram shows a PNP pin assignment.

There are 10 colors available blue (B), green (G), red (R), yellow (Y), white (W), turquoise

Technical data

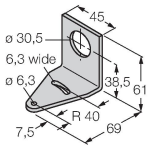
Housing material	Plastic, ABS, Black
Window material	Polycarbonate, diffuse
Electrical connection	Connector, M12 × 1, PVC
Number of cores	8
Ambient temperature	-40...+50 °C
Relative humidity	0...95 %
Protection class	IP67
Tests/approvals	
Approvals	CE, UL listed

(T), orange (O), violet (V), sky blue (S) and magenta (M), which specify the light sequence from bottom to top in the type code of the tower light. Example: TL50GYRQ, colors green, yellow and red arranged from bottom to top.

Accessories

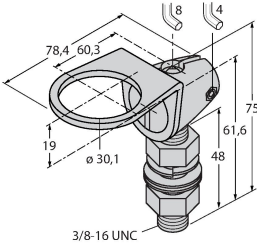
SMB30A3032723

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



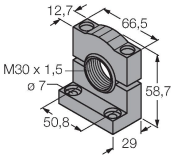
SMB30FA3074005

Montagewinkel; Werkstoff VA 1.4401



SMB30SC3052521

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

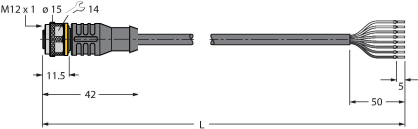


Accessories

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

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