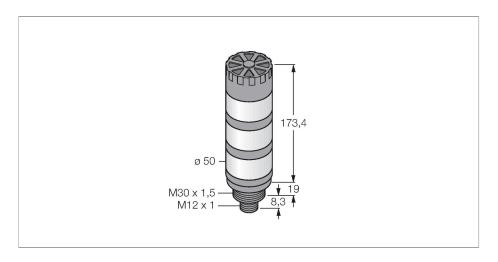


TL50RGRAQ LED Indicator – Tower Light





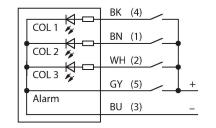
Type	TL50RGRAQ		
ID	3016601		
Signal and display data			
Purpose	LED indicator light		
Function	Tower light		
Light type	Red Green Red		
Dimmable	No		
Features of color 1	Red, Permanently on, 7.5 lm		
Features of color 2	Green, Permanently on, 23 Im		
Features of color 3	Red, Permanently on, 7.5 lm		
Acoustic signal	Continuous tone, 92 dB		
Electrical data			
Operating voltage	1830 VDC		
DC rated operational current	≤ 45 mA		
Operating voltage	2127 VAC		
Max. current consumption per color	45 mA		
Max. current consumption of beeper	25 mA		
Input type	Bipolar (PNP/NPN)22		
Response time typical	< 10 ms		
Mechanical data			
Cascadable	No		
Design	Smooth barrel, TL50		
Dimensions	Ø 50 x 200.8 mm		
Housing material	Plastic, ABS, Black		
Window material	Polycarbonate, diffuse		



Features

- Plastic housing, black
- ■EMI and RFI immune
- ■Protection class IP50
- ■M12 x 1 male
- Colors: Red (COL 1) / Green (COL 2) / Red (COL 3)
- Operating voltage: 18...30 VDC or 24 VAC with 45 mA per LED color
- ■Inputs: PNP/NPN
- ■Beeper max. 92 dB

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 (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 buttom to



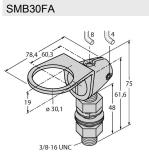
Technical data

Electrical connection	Connector, M12 × 1, PVC		
Number of cores	5		
Ambient temperature	-20+50 °C		
Relative humidity	095 %		
Protection class	IP50		
Tests/approvals			
Approvals	CE, UL listed		

Accessories

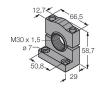
SIVIDOUA	3032723
	Mounting bracket, rectangular, stainless steel, for sensors with 30mm thread





3074005 Montagewinkel; Werkstoff VA 1.4401

SMB30SC	3052521
	Mounting bracket, PBT black, for sensors with 30 mm thread, rotatable



Accessories

Dimension drawing	Туре	ID	
M12x1 0 15 14	RKC4.5T-2/TEL	6625016	Connection cable, M12 female connector, straight, 5-pin, cable length: 2 m, jacket material: PVC, black; cULus approval
0.15 M12x1 26.5 32	WKC4.5T-2/TEL	6625028	Connection cable, M12 female connector, angled, 5-pin, cable length: 2 m, jacket material: PVC, black; cULus approval