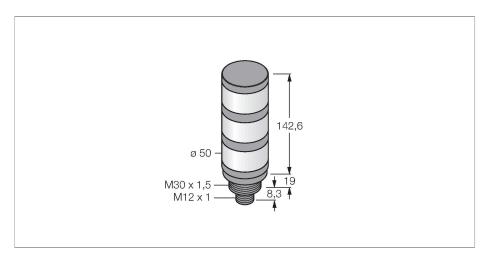


# TL50GYRCQ LED Indicator - Tower Light



**Features** 

- Plastic housing, black
- ■EMI and RFI immune

Wiring diagram

- ■Protection class IP67
- ■M12 × 1 male connector
- Multicolor: Green (COL 1) / Yellow (COL 2) / Red (COL 3)

Light type	Green Yellow Red	COL 1 (4)  BN (1)
Dimmable	No	Alarm/COL 2
Features of color 1	Green, Permanently on, 23 Im	Alarm/COL 3 WH (2) +
Features of color 2	Yellow, Permanently on, 5 Im	BU (3) –
Features of color 3	Ped Permanently on 7.5 lm	

# Functional principle

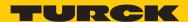
The TL50 tower lights provide highly visible status indicators and a clear user guidance within the entire system. They can be assembled from varicolored LEDs and are available with or without beeper. You can mount them directly on machines, in the cabinet or in monitoring locations of production lines.

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

Туре	TL50GYRCQ		
ID	3015117		
Signal and display data			
Purpose	LED indicator light		
Function	Tower light		
Light type	Green Yellow Red		
Dimmable	No		
Features of color 1	Green, Permanently on, 23 Im		
Features of color 2	Yellow, Permanently on, 5 Im		
Features of color 3	Red, Permanently on, 7.5 lm		
Operating voltage	1830 VDC		
DC rated operational current	≤ 45 mA		
Operating voltage	2127 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 169.9 mm		
Housing material	Plastic, ABS, Grey		
Window material	Polycarbonate, diffuse		
Electrical connection	Connector, M12 × 1, PVC		
Number of cores	4		



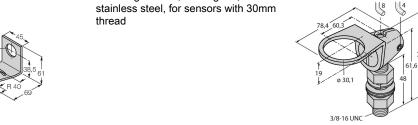
## Technical data

Ambient temperature	-40+50 °C		
Relative humidity	095 %		
Protection class	IP67		
Tests/approvals			
Approvals	CE, UL listed		

### Accessories

SMB30A 3032723

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

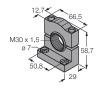


SMB30FA 3074005

Montagewinkel; Werkstoff VA 1.4401

SMB30SC 3052521

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



## Accessories

Dimension drawing	Type	ID	
M12x1 015 14  11.5 + 42 - 50 - 50 - 50 - 50 - 50 - 50 - 50 - 5	RKC4.4T-2/TEL	6625013	Connection cable, M12 female connector, straight, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval
26.5 14	WKC4.4T-2/TEL	6625025	Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval