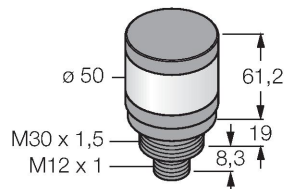


TL50WQ

LED Signal Light – Monochrome Multifunction Signaller



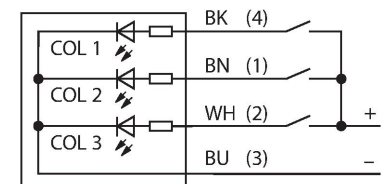
Technical data

Type	TL50WQ
ID	3010173
Signal and display data	
Purpose	LED indicator light
Function	Tower light
Light type	White
Dimmable	No
Features of color 1	White, Permanently on, 21 lm
Electrical data	
Operating voltage U_B	18...30 VDC
DC rated operating current I_a	≤ 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 88.5 mm
Housing material	Plastic, ABS, Black
Window material	Polycarbonate, diffuse
Electrical connection	Connector, M12 × 1, PVC
Number of cores	4
Ambient temperature	-40...+50 °C
Relative humidity	0...95 %

Features

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

Wiring diagram



Functional principle

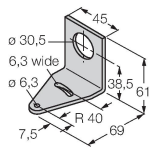
Single-color/multifunction display
Robust and cost-efficient multisegment display, simple mounting.
Illuminated segments for clear operator guidance and system status display.
Display of up to 5 colors.
Compact devices, no controller required
No mounting.
The wiring diagram shows a pnp pin configuration.

Technical data

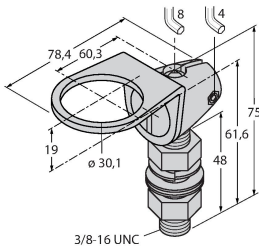
Protection class	IP67
Tests/approvals	
Approvals	CE, UL listed

Accessories

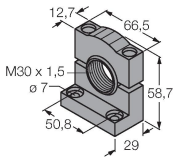
SMB30A	3032723
Mounting bracket, rectangular, stainless steel, for sensors with 30mm thread	



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	
	RKC4.4T-2/TEL	6625013	Connection cable, M12 female connector, straight, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval
	WKC4.4T-2/TEL	6625025	Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval