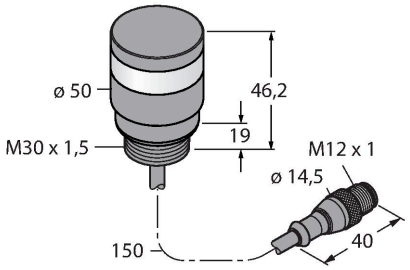
TL50BLRQP
LED Indicator – Tower Light



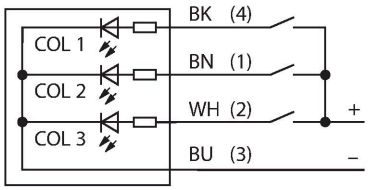
Technical data

Type	TL50BLRQP
ID	3019285
Signal and display data	
Purpose	LED indicator light
Function	Tower light
Light type	Red
Dimmable	no
Features of color 1	Red, Permanently on, 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 65.2 x 65.2 mm
Housing material	Plastic, ABS, Black
Window material	Polycarbonate, clear
Electrical connection	Cable with connector, M12 × 1, 0.15 m, PVC
Number of cores	4
Ambient temperature	-40…+50 °C
Relative humidity	0…95 %

Features

- Black plastic housing
- Protection class IP67
- EMI and RFI immune
- Monochrome: Red (COL 1)
- Operating voltage: 12…30 VDC or 24 VAC with 45 mA per LED color
- Inputs: PNP/NPN

Wiring diagram



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.

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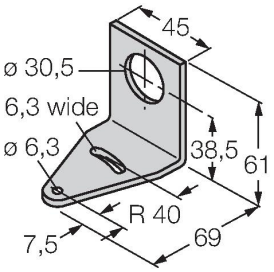
Technical data

Protection class	IP67
Tests/approvals	
Approvals	CE, UL listed

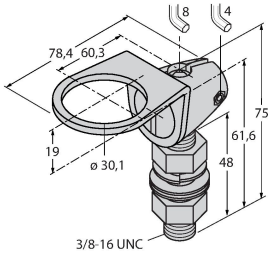
Accessories

SMB30A	3032723



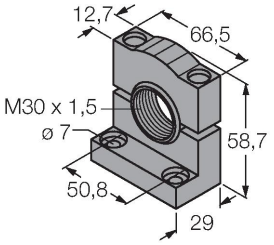
Mounting bracket, rectangular, stainless steel, for sensors with 30mm thread

SMB30FA	3074005



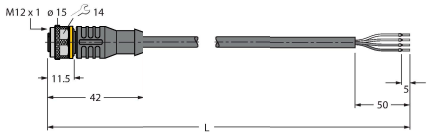
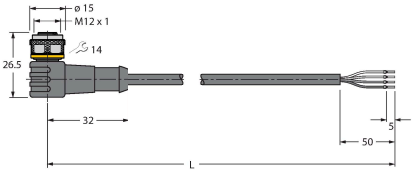
Montagewinkel; Werkstoff VA 1.4401

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, female M12, straight, 4-pin, cable length: 2 m, sheath material: PVC, black; cULus approval; other cable lengths and qualities available, see www.turck.com
	WKC4.4T-2/TEL	6625025	Connection cable, female M12, angled, 4-pin, cable length: 2 m, sheath material: PVC, black; cULus approval; other cable lengths and qualities available, see www.turck.com

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