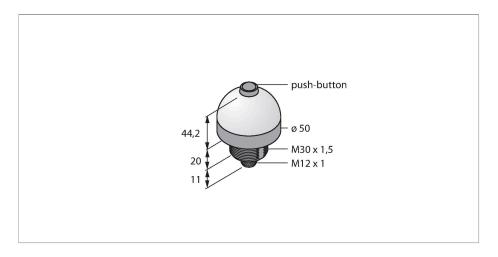
# K50LGXXPPB2Q Pick-to-Light – Placement Sensor





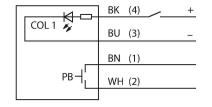
ID       3032019         Signal and display data       LED indicator light         Function       Pushbutton         Light type       Green         Switch Function       Momentary         Features of color 1       Green, Permanently on         Special features       Wash down         Electrical data       Operating voltage U₀       1230 VDC         DC rated operating current I₀       ≤ 150 mA         Max. current consumption per color       65 mA         Output function       NO contact, Potential-free         Input type       PNP         Response time typical       < 3 ms         Mechanical data       Dome, K50         Dimensions       Ø 50 x 74.7 mm         Housing material       Plastic, PC         Thermoplastic material, Black         Window material       Polycarbonate, diffuse         Electrical connection       Connector, M12 x 1, PVC         Number of cores       4         Ambient temperature       -40+50 °C         Relative humidity       090 %         Protection class       IP65	Туре	K50LGXXPPB2Q		
Purpose LED indicator light Function Pushbutton  Light type Green  Switch Function Momentary  Features of color 1 Green, Permanently on  Special features Wash down  Electrical data  Operating voltage U₀ 1230 VDC  DC rated operating current l₀ ≤ 150 mA  Max. current consumption per color 65 mA  Output function NO contact, Potential-free  Input type PNP  Response time typical < 3 ms  Mechanical data  Design Dome, K50  Dimensions Ø 50 x 74.7 mm  Housing material Plastic, PC Thermoplastic material, Black  Window material Polycarbonate, diffuse  Electrical connection Connector, M12 × 1, PVC  Number of cores 4  Ambient temperature -40+50 °C  Relative humidity 090 %	ID	3032019		
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Ambient temperature -40+50 °C  Relative humidity 090 %	Electrical connection	Connector, M12 × 1, PVC		
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Protection class IP65	Relative humidity	090 %		
	Protection class	IP65		

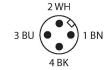


#### **Features**

- ■Protection class IP67
- Male M12 x 1, 4-pin
- Monochrome: Green (COL 1)

## Wiring diagram





## Functional principle

The LED is IP65 rated and thus qualified for industrial applications. The LED is on during the PNP input signal period. The LED light is available with up to 3 colors

2 additional contacts are closed floating over the separate button.



## Technical data

Tests/approvals	
MTTF	146 years acc. to SN 29500 (Ed. 99) 40 °C
Approvals	CE

#### Accessories

SMB30A 3032723 SMB30SC 3052521

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





SMB30FA 3074005 Montagewinkel; Werkstoff VA 1.4401



#### Accessories

Dimension drawing	Type	ID	
MI2x1 015 14	RKC4.4T-2/TEL	6625013	Connection cable, M12 female connector, straight, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval
015 M12x1 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