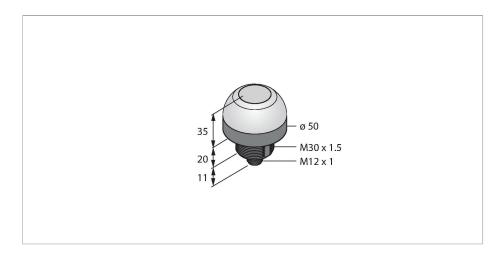


K30ABT2GRHQ Pick-to-Light – Placement Sensor Capacitive Sensor





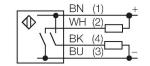
Туре	K30ABT2GRHQ		
ID	3800296		
Signal and display data			
Purpose	Pick-to-Light		
Function	Touch Button		
Light type	Green Red		
LED service life (L70)	50000 h		
Switch Function	Momentary		
Features of color 1	Green, Permanently on, 4.4 lm		
Features of color 2	Red, 1.7 lm		
Special features	Wash down		
Electrical data			
Operating voltage U _B	1230 VDC		
DC rated operating current I _e	≤ 150 mA		
Max. current consumption per color	55 mA		
Output function	NO contact, PNP/NPN		
Input type	Bipolar (PNP/NPN)22		
Response time typical	< 150 ms		
Mechanical data			
Design	Dome, K30		
Dimensions	Ø 30 x 54.5 mm		
Housing material	Plastic, PC, Black		
Window material	Polycarbonate, diffuse		
Electrical connection	Connector, M12 × 1, PVC		
Number of cores	5		

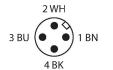


Features

- Protection classes IP67 IP69K
- ■M12 x 1 male connector, 5-pin
- Disabled: Green (COL 1)
- Enabled: Red (COL 2)
- Operating voltage 10...30 VDC
- Bipolar circuit
- ■NO contact
- Capacitive sensor of the second generation
- High immunity to false actuation by splashing, detergents, oils and other contaminants

Wiring diagram





Functional principle

The K30 pick-and-place sensor is suitable for many assembly and placement sequences. LED light is reflected perfectly by the entire dome. The device has two display colors depending on the version: Color 1 Shows the disabled state, color 2 the enabled state. Since the device has no inputs, a color change is exclusively realized by touching the sensor (enable). Devices with a hold function keep



Technical data

Ambient temperature

-40...+50 °C

Relative humidity

0...90 %

Protection class

IP67

IP69

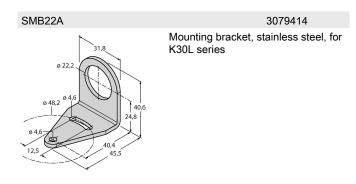
Tests/approvals

Approvals

CE, cULus listed

the enabled state, even when the contact

Accessories



Accessories

Dimension drawing	Туре	ID	
M12x1 e 15 14 14 11.5 14 15 55 55 55 55 55 55 55 55 55 55 55 55	RKC4.4T-2/TEL	6625013	Connection cable, M12 female connector, straight, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval
0 15 M12x 1 26.5	WKC4.4T-2/TEL	6625025	Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval