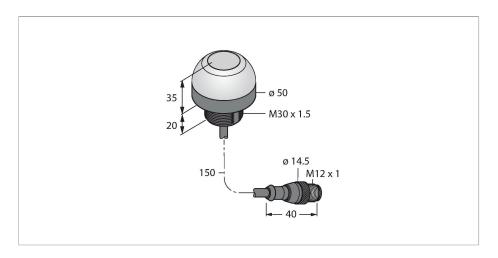


K30ABT2FXGHQP Pick-to-Light - Placement Sensor Capacitive Sensor





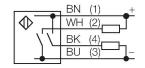
Туре	K30ABT2FXGHQP		
ID	3096649		
Signal and display data			
Purpose	Pick-to-Light		
Function	Touch Button		
Light type	Green		
LED service life (L70)	50000 h		
Switch Function	Momentary		
Features of color 2	Green, 4.4 lm		
Special features	Wash down		
Electrical data			
Operating voltage	1230 VDC		
DC rated operational current	≤ 150 mA		
Max. current consumption per color	55 mA		
Output function	NO contact, PNP/NPN		
Input type	Bipolar (PNP/NPN)		
Response time typical	< 150 ms		
Mechanical data			
Design	Dome, K30		
Dimensions	Ø 30 x 41 mm		
Housing material	Plastic, FDA copolyester		
Window material	Polycarbonate, diffuse		
Electrical connection	Cable with connector, M12 × 1, 0.15 m, PVC		
Number of cores	5		
Ambient temperature	-40+50 °C		

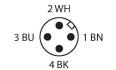


Features

- Protection classes IP67 IP69K
- Cable with M12 x 1 male connector, 5-pin, 150 mm
- Disabled: No color
- Enabled: Green (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
- ■FDA-approved housing material

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

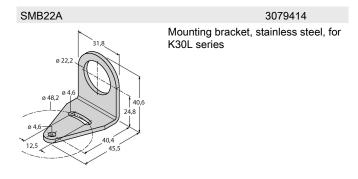


Technical data

Relative humidity	090 %	
Protection class	IP67 IP69	
Tests/approvals		
Approvals	CE, cULus listed	

(enable). Devices with a hold function keep the enabled state, even when the contact

Accessories



Accessories

Dimension drawing	Type	ID	
M12x1 1/2 14	RKH4.4-2/TFE	6934473	Connection cable, M12 female connector, straight, 4-pin, stainless steel coupling nut, cable length: 2 m, jacket material: PVC, gray; temperature range: -25+80 °C
M12x1	WKH4.4-2/TFE	6934480	Connection cable, M12 female connector, angled, 4-pin, stainless steel coupling nut, cable length: 2 m, jacket material: PVC, gray; temperature range: -25+80 °C