

# K30APTYGYCQ

## Pick-to-Light – Placement Sensor

### Capacitive Button



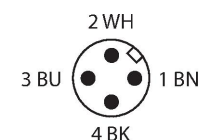
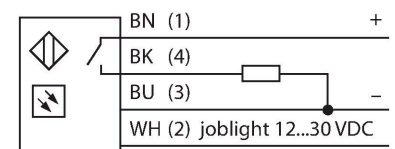
#### Technical data

Type	K30APTYGYCQ
ID	3082216
Signal and display data	
Purpose	Pick-to-Light
Function	Touch Button
Switch Function	Momentary
Features of color 1	Green, Permanently on
Features of color 2	Yellow
Special features	Wash down
Electrical data	
Operating voltage	12...30 VDC
DC rated operational current	≤ 150 mA
Max. current consumption per color	55 mA
Output function	NO contact, PNP
Input type	PNP
Response time typical	< 150 ms
Mechanical data	
Design	Dome, K50
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	4
Ambient temperature	-40...+50 °C
Relative humidity	0...90 %

#### Features

- Protection class IP67
- Male M12 x 1, 4-pin
- Job light: green
- Mispick: not signalled
- Actuation: yellow
- Operating voltage 12...30 VDC
- PNP switching
- NO contact

#### Wiring diagram



#### Functional principle

The K50 pick-and-place sensor is suitable for many mounting and component placement applications. The green work light or other signal lights are reflected perfectly by the entire dome (depending on the version). The transistor output can be easily connected to a system control, which is programmed for a special task sequence. The work light of the sensor is located in or next to every bin at the operator's workstation and indicates: 1. The bins with the components to be picked up for a particular work step and 2. the



Dimension drawing	Type	ID	
	WKC4.4T-2/TEL	6625025	Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval

