

K30ABTXYHQ

Pick-to-Light – Placement Sensor

Capacitive Button



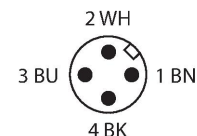
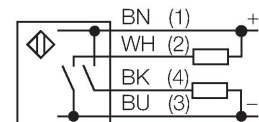
Technical data

Type	K30ABTXYHQ
ID	3092307
Purpose	Pick-to-Light
Function	Touch Button
Switch Function	Momentary
Features of color 2	Yellow
Special features	Wash down
Electrical data	
Operating voltage U_B	12...30 VDC
DC rated operating current I_a	≤ 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 54.5 mm
Housing material	Plastic, PC, Black
Window material	Polycarbonate, diffuse
Electrical connection	Connector, M12 × 1, PVC
Number of cores	5
Ambient temperature	-40...+50 °C
Relative humidity	0...90 %
Protection class	IP67 IP69

Features

- Protection classes IP67 / IP69K
- Male M12 x 1, 5-pin
- Operating voltage 10...30 VDC
- Bipolar circuit
- NO contact

Wiring diagram



Functional principle

The K50 pick-and-place sensor is suitable for many mounting and component placement applications. 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 the enabled state, even when the contact ends.

Technical data

Tests/approvals	
Approvals	CE

Accessories

SMB22A	3079414
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Mounting bracket, stainless steel, for
K30L series

