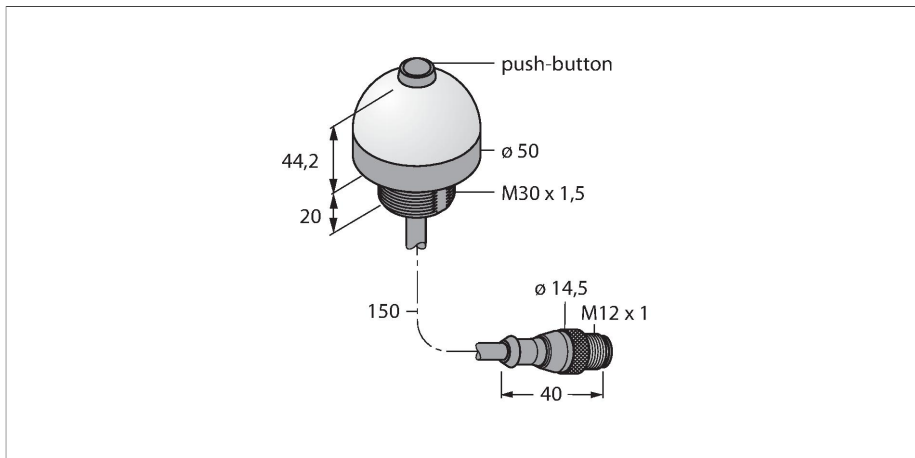


K50APPBGRYC3QPMA

Pick-to-Light – Placement Sensor



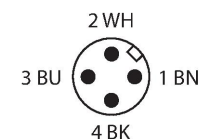
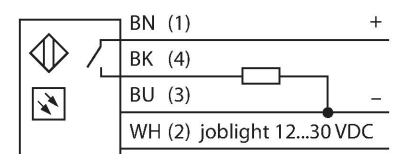
Technical data

Type	K50APPBGRYC3QPMA
ID	3078984
Signal and display data	
Purpose	Pick-to-Light
Function	Pushbutton
Switch Function	Momentary
Features of color 1	Green, Permanently on
Features of color 2	Red
Features of color 3	Yellow
Special features	I/O module-compatible Wash down
Electrical data	
Operating voltage U_B	12...30 VDC
DC rated operating current I_e	≤ 150 mA
Max. current consumption per color	75 mA
Output function	NO contact, PNP
Input type	PNP
Response time typical	< 50 ms
Mechanical data	
Design	Dome, K50
Dimensions	Ø 50 x 63.7 mm
Housing material	Plastic, PC Thermoplastic material, Black
Window material	Polycarbonate, diffuse
Electrical connection	Cable with connector, M12 × 1, 0.15 m, PUR
Number of cores	5
Ambient temperature	-40...+50 °C

Features

- Protection class IP67
- Cable with male end M12 x 1, 4-pin, PUR, 150 mm
- Job light, green
- Mispick, red
- 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 sequence in which the components have to be picked up. If the operator removes

Dimension drawing	Type	ID	
	RKC4.4T-2/TEL	6625013	Connection cable, M12 female connector, straight, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval
	WKC4.4T-2/TEL	6625025	Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval