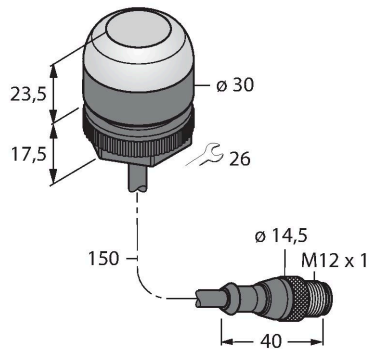


K30APT2FGRYF2QP

Pick-to-Light – Placement Sensor

Capacitive Sensor



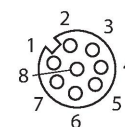
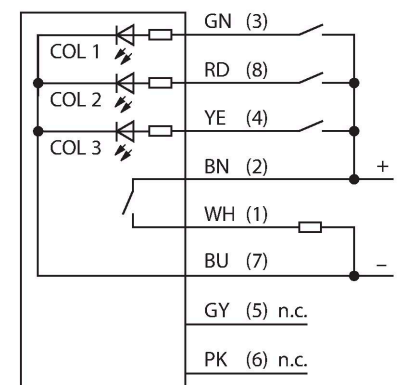
Technical data

Type	K30APT2FGRYF2QP
ID	3802259
Signal and display data	
Purpose	Pick-to-Light
Function	Touch Button
Light type	Green Red Yellow
Switch Function	Momentary
Features of color 1	Green, Permanently on, 4.4 lm
Features of color 2	Red, 1.7 lm
Features of color 3	Yellow, 4.4 lm
Special features	Wash down
Electrical data	
Operating voltage U_B	12...30 VDC
DC rated operating current I_o	≤ 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, K30
Dimensions	Ø 30 x 41 mm
Housing material	Plastic, FDA copolyester
Window material	Polycarbonate, diffuse

Features

- Protection class IP67/IP69K
- Cable with M12 × 1 male connector, 8-pin, 150 mm
- Colors: Green (COL 1), Red (COL 2), Yellow (COL 3)
- PNP switching output, 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. The green work light or other signal lights

