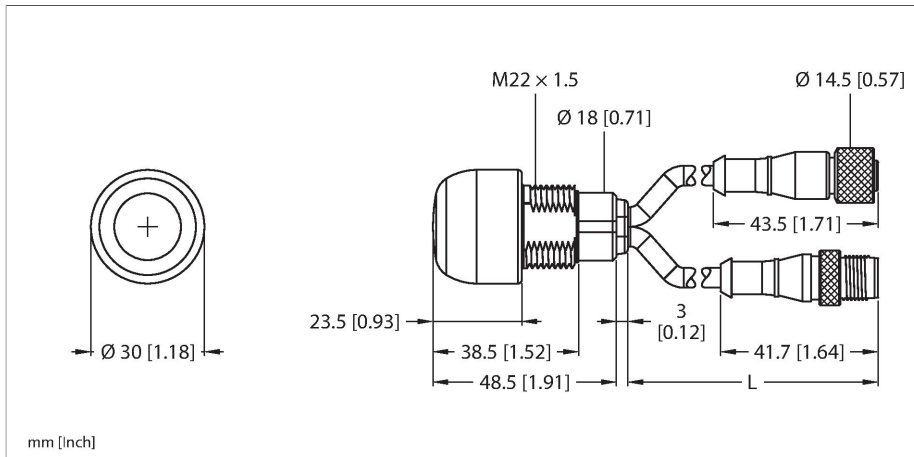


K30PTSQ2PS

Pick-to-Light – Placement Sensor

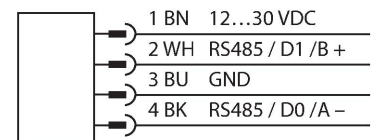
Capacitive Sensor



Features

- RGB LED display with up to 14 different light colors
- Capacitive sensor
- Protection class IP67
- 2 x 240-mm cables each with one M12 connector
- 5-pin
- Operating voltage 12...30 VDC
- RS485 interface
- Supports Modbus RTU
- Control of user-defined or predefined light colors
- Flashing function, alternation, 2-color display, intensity check and other animations
- PICK-IQ, Modbus-RTU-compatible bus protocol

Wiring diagram



Functional principle

The K30 Pro Touch PICK-IQ device series is equipped with a multifunctional LED display and capacitive touch button, and the devices create a high-performance picking system when used together. With fast response times, these illuminated input buttons improve speed, productivity and quality in picking and placement applications. K30 Pro Touch devices are powered by PICK-IQ, a purpose-built serial bus protocol that is compatible with Modbus and uses a common ID to reduce the

Technical data

Type	K30PTSQ2PS
ID	3809278
Signal and display data	
Purpose	Pick-to-Light
Function	Touch Button
Light type	RGB
Switch Function	Programmable
Dimmable	Programmable
Features of color 1	Green, Programmable, 7.7 lm
Features of color 2	Red, 3.1 lm
Features of color 3	Yellow, 7.8 lm
Features of color 4	Blue, 1.7 lm
Features of color 5	White, 9.6 lm
Features of color 6	Turquoise, 8.7 lm
Features of color 7	Light blue, 9.2 lm
Features of color 8	Orange, 4.6 lm
Features of color 9	Magenta, 4.2 lm
Features of color 10	Purple, 3.4 lm
Electrical data	
Operating voltage U_b	12...30 VDC
DC rated operating current I_a	≤ 150 mA
Communication protocol	RS485 Modbus RTU
Output function	NO contact, PNP/NPN
Response time typical	< 300 ms

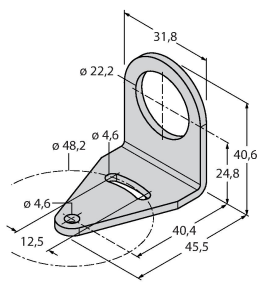
Technical data

typical latency that results from polling multiple devices.

Mechanical data	
Cascadable	No
Design	Cylinder, threaded, K30
Dimensions	Ø 30 x 41 mm
Housing material	Plastic, PC, Black
Window material	Polycarbonate, diffuse
Electrical connection	Cable with connector, M12 × 1, 0.24 m
Number of cores	5
Ambient temperature	-40...+70 °C
Protection class	IP67
Tests/approvals	
Approvals	CE, UL listed, UKCA

Accessories

SMB22A	3079414
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Mounting bracket, stainless steel, for K30L series