



EZ-LIGHT™ K50L with Independent Push Button Contact

EZ-LIGHT with three colors and a momentary push button output



Features

This K50L EZ-LIGHT™ is a self-contained three-color indicator with an integrated push button output.

- Three sourcing inputs control the green, yellow, and red indicator lights
- Push button is mapped to a dry contact output
- 18 to 30V dc operation
- Ideal for use in abusive environments, featuring rugged, fully encapsulated construction
- Cabled and Euro Quick Disconnect models available
- Includes an isolated push button and is optimized to work with SureCross FlexPower devices

Model	Interaction/Sensing	Connection	Output Type	Indicator Lights
K50LGRYPPB1Q	 PUSH-BUTTON	Integral 5-pin Euro-style QD connector	Momentary dry contact	Green, Red, Yellow

Integral QD model is listed. For 2 m (6') cable, omit suffix Q from model number (K50LGRYPPB1). For 150 mm PVC pigtail with QD, replace Q with QP in model number (K50LGRYPPB1QP). For 9 m (30') cable, replace suffix Q with W/30 in model number (K50LGRYPPB1 W/30). A model with a QD requires a mating cable (see *Accessories*).

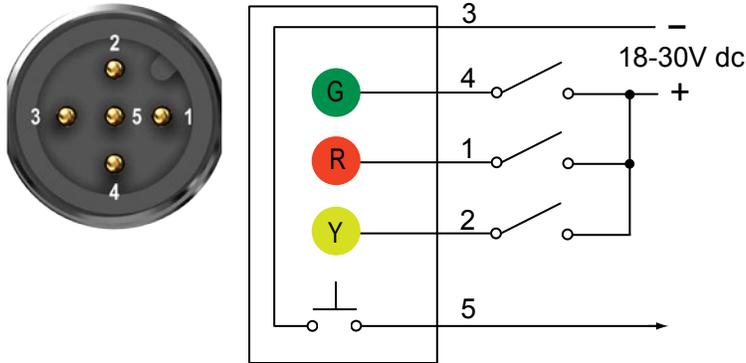
WARNING . . . Not To Be Used for Personnel Protection

Never use these products for personnel protection. Doing so could lead to serious injury or death.

These devices do NOT include the self-checking redundant circuitry necessary to allow their use in personnel safety applications. A device failure or malfunction can cause either an energized or de-energized output condition. Consult your current Banner Safety Products catalog for safety products that meet OSHA, ANSI, and IEC standards for personnel protection.

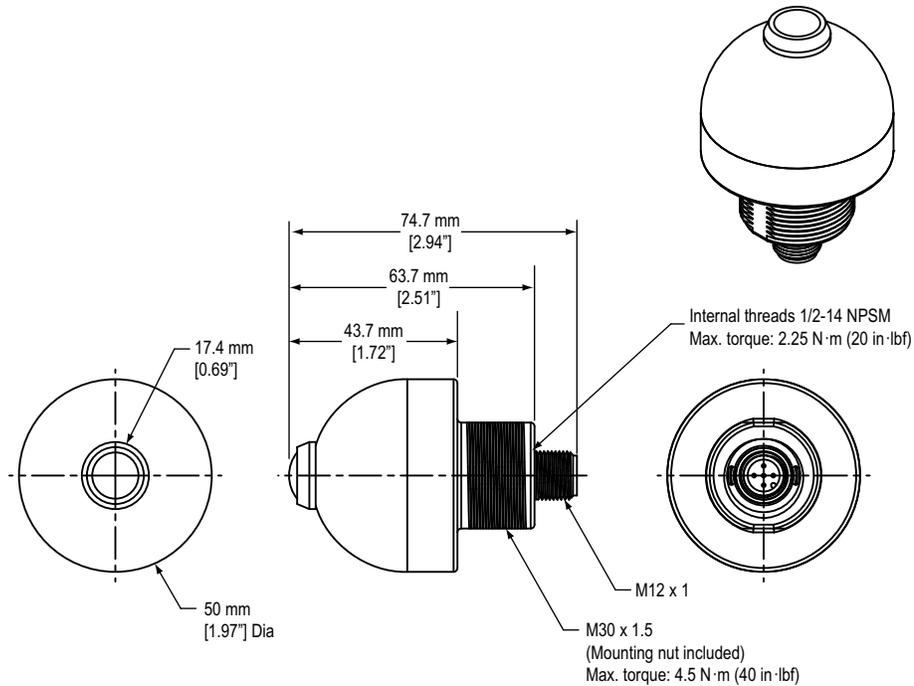
EZ-LIGHT™ K50L with Push Button

Wiring



Key	Description	
1	Brown wire	PNP Input for red light
2	White wire	PNP Input for yellow light
3	Blue wire	Ground
4	Black wire	PNP Input for green
5	Gray wire	NPN Output

Dimensions



Specifications

Supply Voltage and Current. 18 to 30V dc @ 40 mA max. per LED color

Supply Protection and Circuitry. Protected against transient voltages and reverse polarity

Switch Contact Rating. 150mA @ 30 V dc

Contact Bounce. 10ms MAX

Construction

- Base: Polycarbonate
- Translucent dome: polycarbonate
- Pushbutton: thermoplastic

Indicators

- Entire translucent diffuser or dome provides indication.
- LEDs are independently selected: Green, Red, Yellow

Connections. Integral 5-pin Euro-style QD fitting, PVC jacketed 2 m (6.5') cable, depending on model

Operating Temperature. -30° to 50° C (-22° to 122° F)

Max Relative Humidity. 90% @ 50° C (non-condensing)

Storage Temperature. -40 to 70° C (-40° to 158° F)

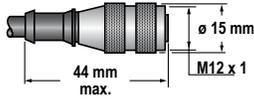
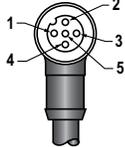
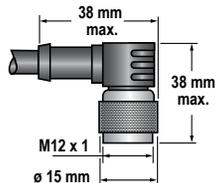
Certifications. Approvals are pending

Environmental Rating. IEC IP67

Accessories

SMB30A	<ul style="list-style-type: none"> For use with T30 models or base-mount K50L models 30 mm 12-gauge, 304 stainless steel, right-angle mounting bracket, curved mounting slot for adjustable orientation Clearance for M5 (#10) hardware 	
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Quick-Disconnect (QD) Cables

Style	Model	Length	Dimensions	Pinout
5-Pin Euro Straight	MQDC1-501.5 MQDC1-515 MQDC1-530	0.5 m (1.6') 5 m (15') 9 m (30')		
5-Pin Euro Right-Angle	MQDC1-506RA MQDC1-515RA MQDC1-530RA	2 m (6.5') 5 m (15') 9 m (30')		

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not touch the SureCross device or any equipment connected to the SureCross device during a thunderstorm.

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