

EZ-LIGHT™ Indicators — Audible



Datasheet

For the latest technical information about this product, including specifications, dimensions, and wiring, see www.bannerengineering.com.



Contact Factory for more information.

- Rugged, cost-effective, and easy-to-install indicators available in K50 or K80 housing style
- Steady or pulsed sound indication
- Illuminated dome provides a big, easy-to-see green, red or yellow job light
- Compact devices are completely self-contained - no controller needed
- Choose NPN or PNP input, depending on model
- Immune to EMI and RFI interference
- 18 to 30 V dc operation
- 5-pin M12/Euro-style connection listed
- Three color LED function: green, red, and yellow ¹

	Models	Construction	Audible Tone ²	Inputs
	K50LGRA1YPQ	50 mm dome/30 mm mount polycarbonate	Steady (75 dB)	PNP
	K50LGRA1YNQ			NPN
	K50LGRA2YPQ		Pulsed (75 dB)	PNP
	K50LGRA2YNQ			NPN
	K50LGRAL1YPQ		Loud Steady (95 dB)	PNP
	K50LGRAL1YNQ			NPN
	K80LGRA1YPQ	50 mm dome/Flat or DIN-mount polycarbonate, nylon	Steady (75 dB)	PNP
	K80LGRA1YNQ			NPN
	K80LGRA2YPQ		Pulsed (75 dB)	PNP
	K80LGRA2YNQ			NPN
	K80LGRAL1YPQ		Loud Steady (95 dB)	PNP
	K80LGRAL1YNQ			NPN

Integral QD models only are listed.

- To order the 150 mm PVC pigtail with QD model, replace Q with QP in the model number (example, K50LGRA1YPQP).
- K50L Models: To order the 2 m (6.5 ft) cable model, omit the suffix Q from the model number (example, K50LGRA1YP).
- K80L Models: to order the terminal-wired model, omit the suffix Q from the model number (example, K80LGRA2YP).
- Models with a quick disconnect fitting require a mating cable (see the *Accessories* section).

¹ Contact factory for other colors and color combinations.
² Typical decibel level is at a distance of 1 m.



Specifications

Supply Voltage and Current

18 to 30 V dc at 40 mA maximum, per LED color (alarm)

Indicators

LEDs or audible independently selected: green, red, yellow

Input Response Time

Indicator ON/OFF: 10 ms (maximum)

Oscillation Frequency

A1 models: 3 kHz $\pm$ 500 Hz

A2 models: 3 kHz $\pm$ 500 Hz; pulse rate 3 Hz $\pm$ 20%

AL1 models: 2.7 kHz $\pm$ 500 Hz

Connections

Integral 5-pin M12/Euro-style quick disconnect fitting, or 150 mm PVC pigtail with quick disconnect fitting, or 2 m (6.5 ft) integral cable, depending on model

K80L Models: Terminal-wired models for use with bulk cable available

Construction

See Models table

Operating Conditions

-20 °C to +50 °C (-4 °F to +122 °F)

Environmental Rating

IP50

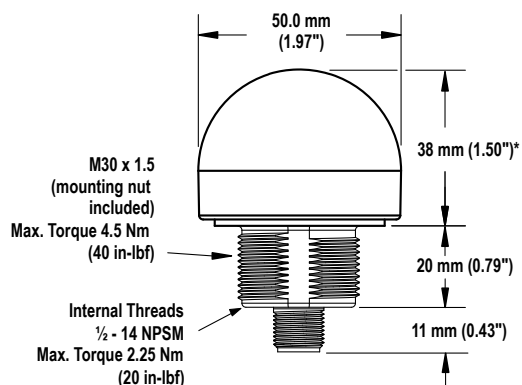
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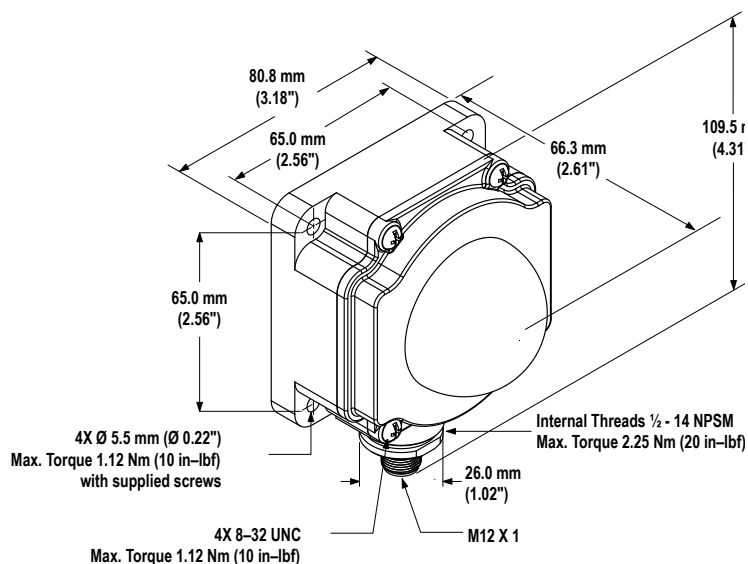
(K50L models only)

Dimensions

K50L



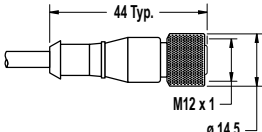
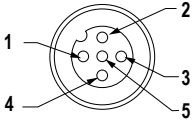
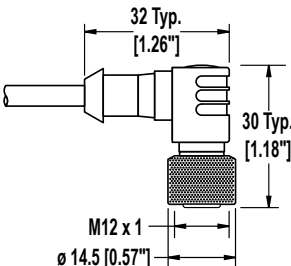
K80L



Wiring

PNP (Sourcing) Input	NPN (Sinking) Input	Key:
		1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray G = Green R = Red Y = Yellow A = Alarm

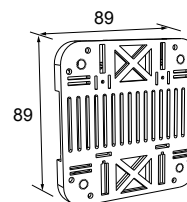
Accessories

5-Pin Threaded M12/Euro-Style Cordsets (Single Ended)					
Model	Length	Style	Dimensions	Pinout (Female)	
MQDC1-501.5	0.50 m (1.5 ft)	Straight		 1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray	
MQDC1-506	1.83 m (6 ft)				
MQDC1-515	4.57 m (15 ft)				
MQDC1-530	9.14 m (30 ft)				
MQDC1-506RA	1.83 m (6 ft)	Right-Angle			
MQDC1-515RA	4.57 m (15 ft)				
MQDC1-530RA	9.14 m (30 ft)				

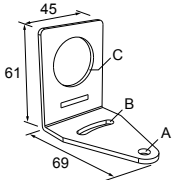
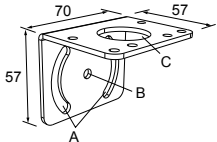
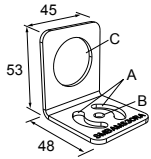
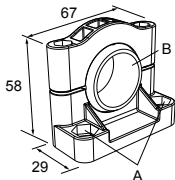
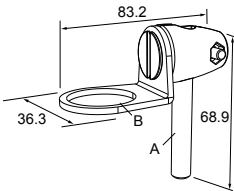
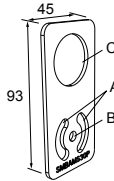
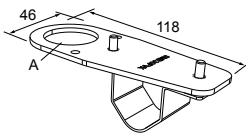
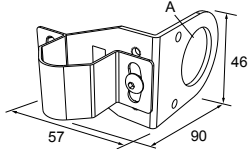
K80L Brackets

SMBDX80DIN

Black reinforced thermoplastic
Bracket for mounting on a 35 mm DIN rail



K50L Brackets

SMB30A - Right-angle bracket with curved slot for versatile orientation - Clearance for M6 (¼ in) hardware - Mounting hole for 30 mm sensor 12-ga. stainless steel  Hole center spacing: A to B=40 Hole size: A=Ø 6.3, B= 27.1 x 6.3, C=Ø 30.5	SMB30MM 12-ga. stainless steel bracket with curved mounting slots for versatile orientation - Clearance for M6 (¼ in) hardware - Mounting hole for 30 mm sensor  Hole center spacing: A = 51, A to B = 25.4 Hole size: A = 42.6 x 7, B = Ø 6.4, C = Ø 30.1
SMBAMS30RA - Right-angle SMBAMS series bracket 30 mm hole for mounting sensors - Articulation slots for 90°+ rotation 12-ga. (2.6 mm) cold-rolled steel  Hole center spacing: A=26.0, A to B=13.0 Hole size: A=26.8 x 7.0, B=Ø 6.5, C=Ø 31.0	SMB30SC - Swivel bracket with 30 mm mounting hole for sensor - Black reinforced thermoplastic polyester - Stainless steel mounting and swivel locking hardware included  Hole center spacing: A=Ø 50.8 Hole size: A=Ø 7.0, B=Ø 30.0
SMB30FA - Swivel bracket with tilt and pan movement for precise adjustment - Mounting hole for 30 mm sensor 12-ga. 304 stainless steel - Easy sensor mounting to extrude rail T-slot - Metric and inch size bolt available  Bolt thread: SMB30FA, A= 3/8 - 16 x 2 in; SMB30FAM10, A= M10 - 1.5 x 50 Hole size: B= Ø 30.1	SMBAMS30P - Flat SMBAMS series bracket 30 mm hole for mounting sensors - Articulation slots for 90°+ rotation 12-ga. 300 series stainless steel  Hole center spacing: A=26.0, A to B=13.0 Hole size: A=26.8 x 7.0, B=Ø 6.5, C=Ø 31.0
SMB30FVK - V-clamp, flat bracket and fasteners for mounting to pipe or extensions - Clamp accommodates 28 mm dia. tubing or 1 in. square extrusions 30 mm hole for mounting sensors  Hole size: A= Ø 31	SMB30RAVK - V-clamp, right-angle bracket and fasteners for mounting sensors to pipe or extrusion - Clamp accommodates 28 mm dia. tubing or 1 in. square extrusions 30 mm hole for mounting sensors  Hole size: A = Ø 30.5

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