Features

- Rugged, cost-effective and easy-to-install indicators available in K50 or K80 housing style
- Illuminated dome provides easy-to-see operator guidance and indication of equipment status
- Compact devices are completely self-contained — no controller needed
- 85 to 130V ac operation
- Displays three colors
- Immune to EMI and RFI interference

QPMA
EURO-STYLE · PIGTAIL · PUR CABLE · CALL FACTORY

Contact Factory for more information.

Models

Model	Construction	Connection*	LED Function**	Inputs
K50LGRYA120Q	50 mm dome/ 30 mm mount polycarbonate	5-pin Micro QD	**3 Color:** Green, Red, Yellow	85–130V ac
K80LGRYA120Q	50 mm dome/ Flat or DIN-mount polycarbonate			

* Integral QD models are listed. For 150 mm PVC pigtail with QD, replace **Q** with **QP** in model number (example, **K50LGRYA120QP**). For 2 m (6.5') PVC cable, omit suffix **Q** from model number (example, **K50LGRYA120**). A model with a QD requires a mating cable (see page 3)

** Contact factory for other colors and color combinations.

⚠ **WARNING . . . Not To Be Used for Personnel Protection**

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

These sensors do NOT include the self-checking redundant circuitry necessary to allow their use in personnel safety applications. A sensor failure or malfunction can cause either an energized or de-energized sensor output condition. Consult your current Banner Safety Products catalog for safety products which meet OSHA, ANSI and IEC standards for personnel protection.
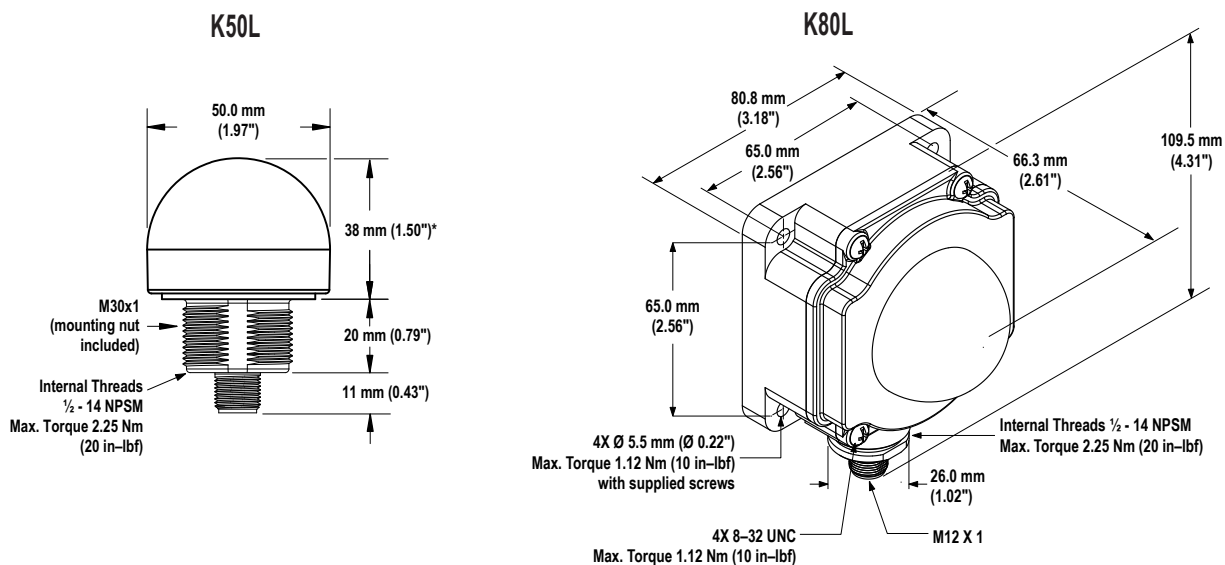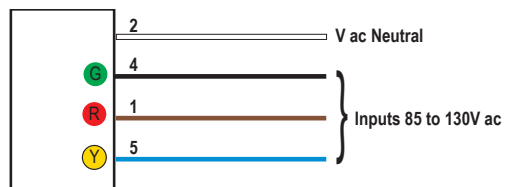
134548

EZ-LIGHT™ Indicators - 85-130V ac

Specifications

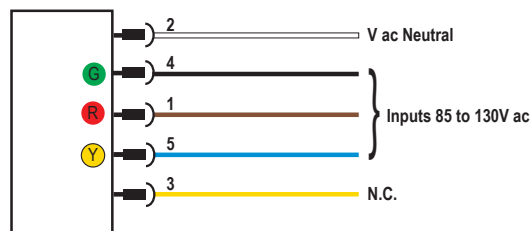|	
Supply Voltage and Current	85 to 130V ac @ 15 mA max.
Indicators	LEDs are independently selected: Green, Red, Yellow
Environmental Rating	**K50L Models**: Fully encapsulated, IEC IP67 **K80L Models**: IEC IP67 (encapsulated electronics)
Connections	Integral 5-pin Micro-style QD, 150 mm PVC pigtail with QD, or 2 m (6.5') integral cable, depending on model **K80L Models:** Terminal-wired models for use with bulk cable available
Operating Conditions	−40° to +50° C (−40° to +122° F)
Certifications	Approvals are pending

Dimensions

K50L

50.0 mm (1.97")

38 mm (1.50")*

M30x1 (mounting nut included)

Internal Threads ½ - 14 NPSM Max. Torque 2.25 Nm (20 in–lbf)

20 mm (0.79")

11 mm (0.43")

K80L

80.8 mm (3.18")

65.0 mm (2.56")

66.3 mm (2.61")

109.5 mm (4.31")

65.0 mm (2.56")

4X Ø 5.5 mm (Ø 0.22") Max. Torque 1.12 Nm (10 in–lbf) with supplied screws

Internal Threads ½ - 14 NPSM Max. Torque 2.25 Nm (20 in–lbf)

26.0 mm (1.02")

4X 8–32 UNC Max. Torque 1.12 Nm (10 in–lbf)

M12 X 1

Hookups

Cable Models

2 — V ac Neutral
G 4
R 1 — Inputs 85 to 130V ac
Y 5
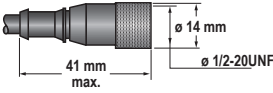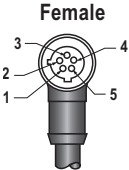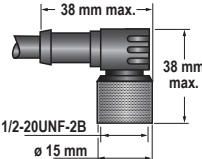
1 = Brown

2 = White

3 = Yellow

4 = Black

5 = Blue

QD Models

2 — V ac Neutral
G 4
R 1 — Inputs 85 to 130V ac
Y 5
3 — N.C.

Accessories

Quick-Disconnect (QD) Cables
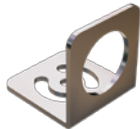
Style	Style	Model	Length	Dimensions	Pinout
5-Pin Micro-Style Cables with Shield	Straight	MQVR3S-506 MQVR3S-515 MQVR3S-530	2 m (6.5') 5 m (15') 9 m (30')	ø 14 mm ø 1/2-20UNF 41 mm max.	**Female** 3 4 2 5 1 1 = Brown 2 = White 3 = Yellow 4 = Black 5 = Blue
	Right-Angle	MQVR3S-506RA MQVR3S-515RA MQVR3S-530RA	2 m (6.5') 5 m (15') 9 m (30'	38 mm max. 38 mm max. 1/2-20UNF-2B ø 15 mm	

Mounting Brackets

K80L

	• Black reinforced thermoplastic • Bracket for mounting on 35 mm DIN rail	**SMBDX80DIN**

K50L

	• 12-ga. stainless steel right-angle mounting bracket with curved slot for versatile orientation • Clearance for M6 (¼") hardware	**SMB30A**
	• 30 mm 12-ga. stainless steel bracket with curved mounting slots for versatile orientation • Clearance for M6 (¼") hardware • Articulation slots for 90°+ rotation	**SMB30MM**
	• 12-ga. 300 series stainless steel • Right-angle SMBAMS series bracket with 30 mm hole for mounting sensors • Articulation slots for 90°+ rotation	**SMBAMS30RA**

K50L (continued)		
	• 30 mm swivel bracket • Black reinforced thermoplastic polyester • Includes stainless steel mounting and swivel locking hardware	**SMB30SC**
	• 12-ga. 300 series stainless steel • Right-angle bracket with 30 mm hole for mounting sensors • Attachment clamp allows 360° rotation • Threaded rod through-mounts to mounting surface	**SMB30FA**
	• 12-ga. 300 series stainless steel • Flat SMBAMS series bracket with 30 mm hole for mounting sensors • Articulation slots for 90°+ rotation	**SMBAMS30P**
	• V-clamp, straight bracket and fasteners for mounting sensors to pipe or extrusions • Clamp accommodates 28 mm dia. tubing or 1" square extrusions • 30 mm hole for mounting sensors	**SMB30FVK**
	• V-clamp, right-angle bracket and fasteners for mounting sensors to pipe or extrusions • Clamp accommodates 28 mm dia. tubing or 1" square extrusions • 30 mm hole for mounting sensors	**SMB30RAVK**

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