Additional information on this product is immediately available online at www.bannerengineering.com/121901

For further assistance, contact a Banner Engineering Applications Engineer at (763) 544-3164 or (888) 373-6767.

Models

Models		Construction	Connector	LED Function	Inputs
	M18RGX8PQ8 (See Note below*)	Nickel-plated brass housing, M18x1 thread; thermoplastic diffuser. Fully encapsulated IP67	8-pin Euro-style integral QD connector	Red/Green indication follows OSSD output of the EZ-SCREEN receiver	PNP (Sourcing)
	T18RGX8PQ8	Thermoplastic polyester housing, thermoplastic diffuser. Fully encapsulated IP67			
	T30RGX8PQ8	Thermoplastic polyester housing, thermoplastic diffuser. Fully encapsulated IP67			
	K30LRGX8PQ8	22 mm threaded polycarbonate base, translucent polycarbonate dome. Fully encapsulated IP67			
	K50LRGX8PQ8	30 mm threaded polycarbonate base, translucent polycarbonate dome. Fully encapsulated IP67			
	K50FLRGX8PQ8	Polycarbonate base, translucent polycarbonate dome. Fully encapsulated IP67			
	K80LRGX8PQ8	ABS and polycarbonate base, translucent polycarbonate dome Electronics fully encapsulated IP67			

* Available in a kit that includes one M18 EZ-LIGHT, one SMB18A mounting bracket, and hardware for mounting to the side channel of an EZ-SCREEN housing (kit model number **EZA-M18RGX8PQ8**).

Specifications

Supply Voltage and Current
K30L, M18 and T18 Models: +24V dc @ 30 mA max.
T30, K50L, K50FL and K80L Models: +24V dc @ 45 mA max.

Indicators
Entire translucent diffuser or dome provides indication. Red/Green indication follows EZ-SCREEN OFF/ON OSSD#1 output.

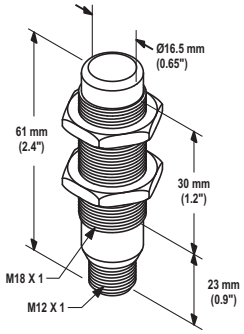
Environmental Rating
IEC IP67
K80L has encapsulated electronics only; other models fully encapsulated

Connections
8-pin M12/Euro-style integral QD

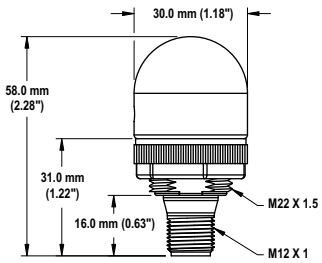
Operating Conditions
Temperature: –40° to +50° C (–40° to +122° F)

Dimensions

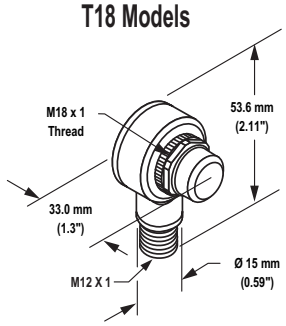
M18 Models



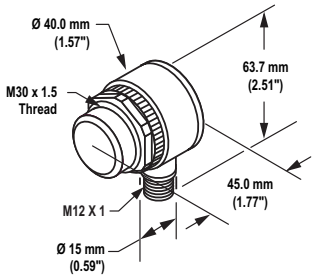
K30L Models



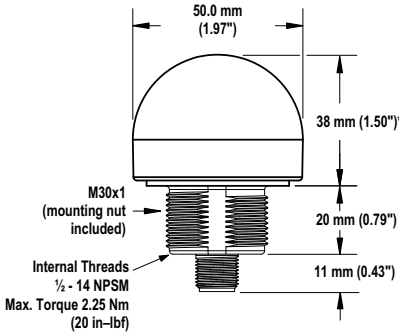
T18 Models



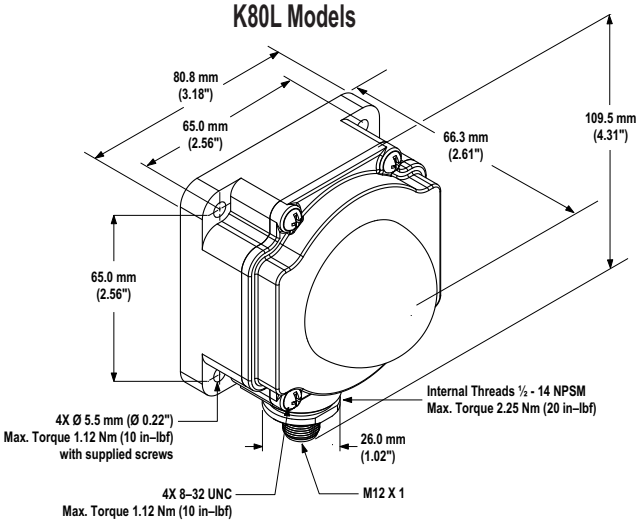
T30 Models



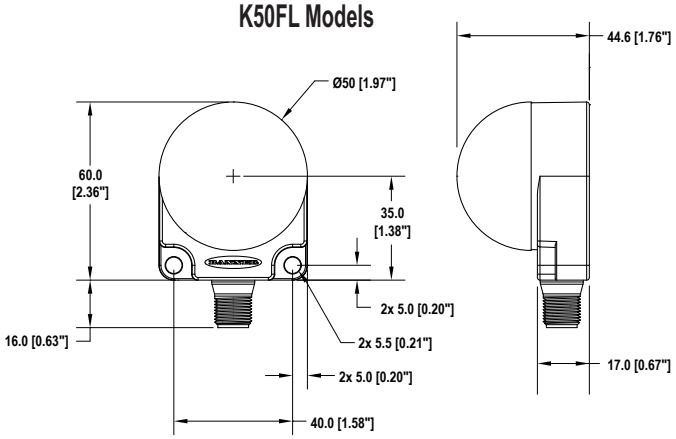
K50L Models



K80L Models



K50FL Models



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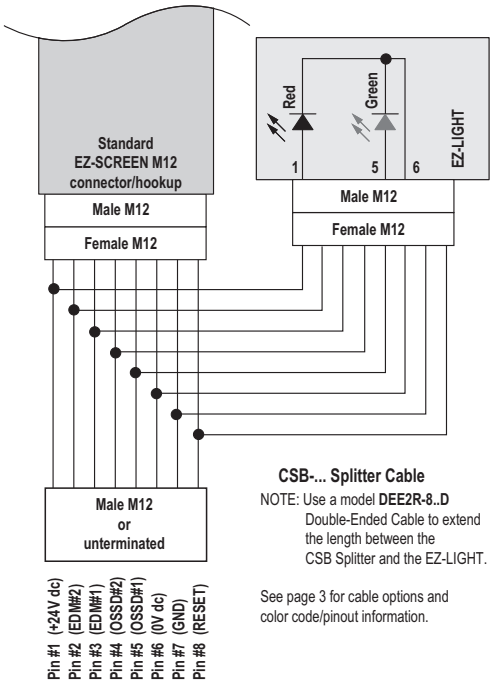
Hookup

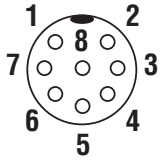


CSB-... Splitter Cable

NOTE: Use a model **DEE2R-8..D** Double-Ended Cable to extend the length between the CSB Splitter and the EZ-LIGHT.

See page 3 for cable options and color code/pinout information.

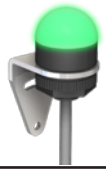
Quick-Disconnect (QD) Cables

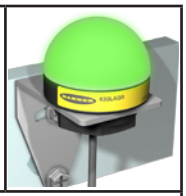
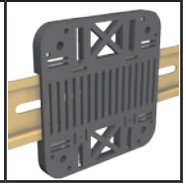
Model Number	Length	Termination	Wire	EZ-LIGHT for EZ-SCREEN Pinout/Color Code	European M12 Specification*	Connector (female face view)
For 8-Pin Receivers				Pin Color Function	Pin Color Function	
Splitter Cables			22 gauge	1 Bn +24V dc 2 Or/Bk 3 Or 4 Wh (No Connection) 5 Bk OSSD #1 6 Bu 0V dc 7 Gn/Ye 8 Vi (No Connection)	1 Wh +24V dc 2 Bn 3 Gn 4 Ye (No Connection) 5 Gy OSSD #1 6 Pk 0V dc 7 Bu 8 Rd (No Connection)	
CSB-M1280M1280 **CSB-M1281M1281** **CSB-M1288M1281** **CSB-M12815M1281** **CSB-M12825M1281** **CSB-UNT825M1281**	10 mm (0.4") Trunk and Branches 300 mm (1') Trunk* 2.5 m (8') Trunk* 4.5 m (15') Trunk* 8 m (25') Trunk* 8 m (25') Trunk* (unterminated) *All have 300 mm (1') branches	8-pin splitter cables:M12/Euro-style connectors, female branches, male or unterminated trunk				
Double-Ended Cables						
DEE2R-81D **DEE2R-83D** **DEE2R-88D** **DEE2R-815D** **DEE2R-825D** **DEE2R-850D** **DEE2R-875D** **DEE2R-8100D**	0.5 m (1') 1 m (3') 2.4 m (8') 4.5 m (15') 8 m (25') 15 m (50') 23 m (75') 30 m (100')	8-pin double-ended cables: M12 Euro-style female connectors female to male				
Single-Ended Cables – For use with wiring chamber Grid and Point models; also use Pg 13.5 cable gland model SI-QS-CG13.						
QDE-815D **QDE-825D** **QDE-850D** **QDE-875D** **QDE-8100D**	5 m (15') 8 m (25') 15 m (50') 23 m (75') 30 m (100')	8-pin Euro-style female connector on one end; cut to length				

*The European M12 specification pin assignment and color codes are listed as a customer courtesy. The user must verify suitability of these cables for each application.

*** Bulk cable for terminal-wired K80L models:** Contact Factory.

Accessory Mounting Brackets

SMB18A	• For use with M18 and T18 models or base-mount T30 models • 12-gauge, stainless steel, right-angle bracket, curved mounting slot for adjustable orientation • Clearance for M4 (#8) hardware	
Other available 18 mm dia. brackets:	**SMB1815SF** **SMB18Q** **SMB18SF** **SMB312PD** **SMBAMS18RA** **SMBAMS18P**	
SMB22A	• For use with base-mount K30L models • 12-gauge, stainless steel, right-angle bracket, curved mounting slot for adjustable orientation • Clearance for M4 (#8) hardware	

SMB30A	• 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	
Other available 30 mm dia. brackets:	**SMBAMS30RA** **SMBAMS30P** **SMB30SC** **SMB30SC** **SMB30MM** **SMB3018SC**	
SMBDX80D	• DIN-mount bracket for K80L models • Hardware included to mount to K80L housing • ABS	

* **K50FL** models include a 48 mm (1.9") circular velcro mounting kit for easy mounting with no additional hardware

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