






EZ-LIGHT Indicators for 3-Color, 7-Function



Datasheet

DC-operated LED indicators with solid ON or flashing capability and a Euro-style integral QD¹. Choose from red, yellow, or green ON, flashing, or rotating (depending on wiring).²

Models		Construction	Inputs
	M18GRY2PQ	Nickel-plated brass housing, M18x1 thread; thermoplastic diffuser. Fully encapsulated; IP67.	PNP (Sourcing)
	M18GRY2NQ		NPN (Sinking)
	T30GRY2PQ	Thermoplastic polyester housing, thermoplastic diffuser. Fully encapsulated; IP67.	PNP (Sourcing)
	T30GRY2NQ		NPN (Sinking)
	K50LGRY2PQ	30 mm threaded polycarbonate base, translucent polycarbonate dome. Fully encapsulated; IP67.	PNP (Sourcing)
	K50LGRY2NQ		NPN (Sinking)
	K50FLGRY2PQ	Polycarbonate base, translucent polycarbonate dome. Fully encapsulated; IP67.	PNP (Sourcing)
	K50FLGRY2NQ		NPN (Sinking)
	K80LGRY2PQ ³	ABS and polycarbonate base, translucent polycarbonate dome. Electronics fully encapsulated; IP67.	PNP (Sourcing)
	K80LGRY2NQ		NPN (Sinking)

Other Models: Standard integral QD models only are listed (mating cordset required). To order 2 m (6.5 ft) cable models, omit suffix Q from model number (example, M18GRY2P). To order models with 150 mm (6 inch) PVC pigtail with 5-pin Euro QD connector, replace suffix Q with QP (example, M18GRY2PQP).

Specifications

Supply Voltage and Current

M18 Models: 10 to 30 V dc at 40 mA max.

T30 Models: 10 to 30 V dc at 50 mA max.

K50L, K50FL and K80L Models: 18 to 30 V dc at 50 mA max.

Indicators

Entire translucent diffuser or dome provides indication.

LEDs are independently selected: Green, Red, Yellow, ON steady or flashing.

For other colors/combinations, contact Factory for availability

Input Response Time

Indicator ON: 250 ms (max.)

Indicator OFF: 10 ms (max.)

Indicator Flash Rate

Single Color: 1 second flash rate (500 ms ON)

Three Color: 1.5 second rotation rate (500 ms per color)

Connections

K80L Models: 5-pin Euro-style integral QD (Q) standard. Terminal-wired models available for use with bulk cable; compression fitting optional. Contact Factory for cable information.

Other Models: 5-pin Euro-style integral QD (Q); 6" pigtail QD (QP), (do not use center pin 5); or 5-wire, 2 m (6.5') integral cable

Operating Conditions

Temperature: -40 °C to 50 °C (-40 °F to 122 °F)

Environmental Rating

IEC IP67

K80L has encapsulated electronics only; other models fully encapsulated

¹ Pin 5 is not used; connects to 4-wire QD cordset. If a cordset other than those specified in this document is used, use a 5-pin mating cordset.

² Contact Factory for other colors/color combinations, including: blue, white, orange.

³ K80L Models: Standard 5-pin Euro integral QD connector models only are listed (mating cordset required). For terminal-wired model, omit suffix Q (example, K80LGRY2P).

