

# ZAP Controls

## 401002 UL 325 2010 Approved Photo Eye

### ZAP Part# 401002

#### Description:

Nema 4X UL 325 Compliant Monitored Entrapment Device designed for durability in all commercial applications.

#### Wiring requirements:

Provided 22 AWG/2 (50')

#### Power requirement:

+6VDC to 40VDC

#### Mounting type:

Wall mount

#### Terminal plug:

6 Position Dual Direction slide in plug

#### Works with:

All standard commercial ZAP Controllers

#### Working distance:

Up to 45'

#### Dimensions:

Diameter of sensor 3/4"  
 Sensor housing: 2"x1.25"  
 Mounting Bracket: 1-1.2"x3-5/8"

#### Adjustability:

6"-7.5"

#### Operating temp:

-13 deg F to +167 deg F.

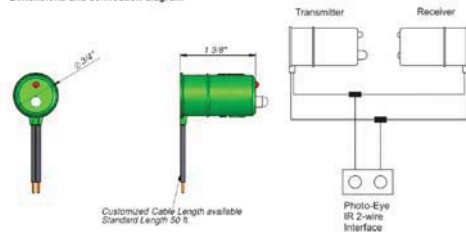
#### Color indication of transmitter:

Grey Sealant

#### Color indication of receiver:

Black Sealant

Dimensions and connection diagram



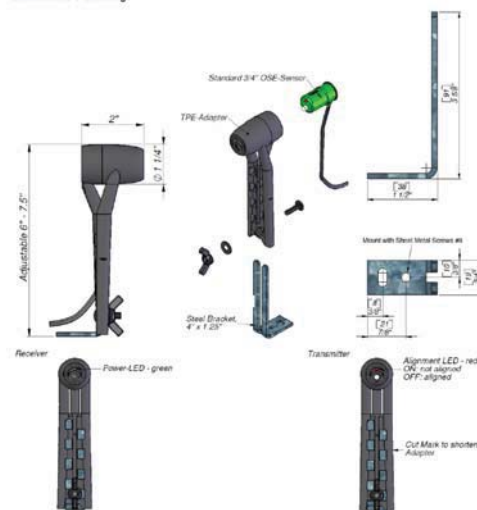
LED Status Description

Sensor Type	LED Color	Status	Description
Transmitter	Red	On	Sensors are not aligned
		Off	Sensors aligned properly
Receiver	Green	On	Sensors are Powered
		Off	Sensors without Power

#### Technical Data

General data	
Protection class	NEMA 6 (comparable to IP68)
Operation temperature	-13 °F to +167 °F
Material of the housing	Polypropylene (PP)
Diameter of the housing	3/4 in.
Length of the housing	1 3/8 in.
Signaling cable	PVC Insulation, 2 x 22 AWG
Length of signaling cable	Max. length from sensors to signal processing unit: ~650ft
Length of the cable	50ft, customized lengths available
Sealing compound	Polyurethane (PU)
Color of the sealing compound	Transmitter: grey
	Receiver: black
Voltage	+6 V DC to +40 V DC

#### Dimensions & Drawings



ZAP Controls  
401002 UL 325 2010 Approved Photo Eye

401002 USA

### ZAP Series 3 Simply Logical

ZAP Controls  
 100 Waterloo Blvd. Anglesey Business Park, Littleworth Road, Cannock, Staffordshire, England  
 UK Office Number 011-44-154-387-9444 sales@zap-uk.com  
 USA Contact 931-510-4432 sales@zap-america.com  
 USA Tech Support 931-510-4432 via telephone or text  
 Online www.zap-uk.com