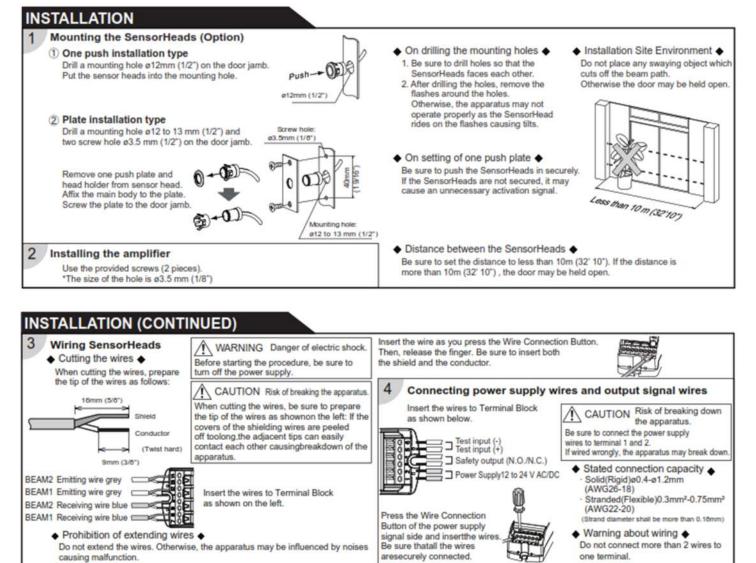


PE-10MC Mini Photo Eye Package w. OS12-C Installation Manual Supplement



Crown Industrial • 213 Michelle Ct. • So. San Francisco, Ca 94080-6202 Phone: (650) 952-5150 • Fax: (650) 873-1495 www.crown-industrial.com Email: autodor@crown-industrial.com



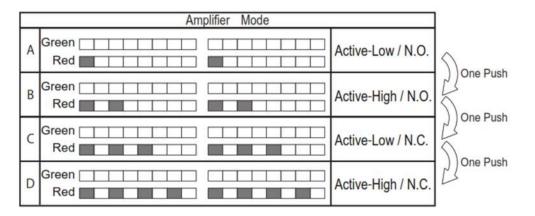
ADJUSTMENT & CHECKING

A) Sensitivity Adjustment

- Press Programming Button for more than one second. When the green and red LED blinking becomes green and red (no blinking), the setting is completed. The proper sensitivity is adjusted automatically. Note: if green/red light blinks alternately, the sensitivity is insufficient, check the following:\
- If there is no person or object in the detection area. Ensure no swaying objects are in use.
- If the lens surface is clean.
- If the wire connections are done property.
- If the emitting/receiving Sensor Heads are mounted straight and are aligned (not tilted).

B) Select N.O. / N.C. for Active High.

- 1) Press and hold the Programming Button until red LED starts to blink, it enters amplifier mode.
- Press Programming Button to select appropriate setting of 4 amplifier modes (A to D). Must be pushed within 10 seconds* Typical setup is Mode B– Active High/N.O. Refer to Below Chart.



- 3) Press Programming Button until green and red LED blinking goes off to finalize setting.
- 4) Check the auto-set adjustment with the below table:

LED	State	
Green/Red ON	The sensitivity has been set correctly. The adjustment is completed. (When using two beam)	
Green ON The sensitivity has been set correctly. The adjustment is completed. (When using one be		
Green/Red Blink alternately Check the followings.		
Simultaneous twice Blinking(Red&Green)	Setting error.Contact your installer or service engineer.	

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CROWN INDUSTRIAL OPERATORS-Safety Devices

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3

Checking the operation

Check the operation of the apparatus according to the following chart.

Entry m (Imag			× ·	-on A or	-
Opera Indica		OFF	ON (Green/Red)	OFF	ON (Green/Red)
State	s	Power OFF Failure of the apparatus	Stand-by status No person or object exists between the SensorHeads	While a person or object is passing in the beam path	After the traffic has passed, the status becomes stand-by.
0.1.1	N.O.				
Output	N.C.		~~		

INFORM THE FOLLOWING ITEMS TO THE BUILDING OWNER/OPERATOR

1. When turning the power on, always walk-test the sensor to ensure proper operation.

- Always keep the Lens surface clean. If dirty, wipe the lens with a damp cloth. (Do not use any cleaner or solvent)
- 3. Do not wash the sensor with water.
- Do not disassemble, rebuild or repair the sensor yourself; otherwise electric shockmay occur. Contact your installer or the sales engineer if you want to change the settings.
- 5. Do not place an object that moves or emits light in the detection area.

6. (Ex. Plant, illumination etc.)

7. Do not paint the Lens surface.

TROUBLESHOOTING

11000	DELOHIOOTINO		
Trouble	Possible Cause	Solution	
Does not operate	Irregular supply voltage	Adjust to the stated voltage.	
	Wire cut or bad connection	Check the wiring.	
	Inappropriate installation distance or condition	Check the installation distance and condition.	
	Amplifire mode setting is not adjust the safety output type of your operator.	Check the amplifire mode setting (SEE ADJUSTMENT & CHECKING 2)	
Operates by itself (Ghosting)	Inappropriate installation distance or condition	Check the installation distance and condition.	
	Something swaying between the SensorHeads cutting off the beam.	Remove the obstruction.	
	Dirty lens.	Remove the dirt.	
	Amplifire mode setting is not adjust the safety output type of your operator.	Check the amplifire mode setting (SEE ADJUSTMENT & CHECKING 2)	

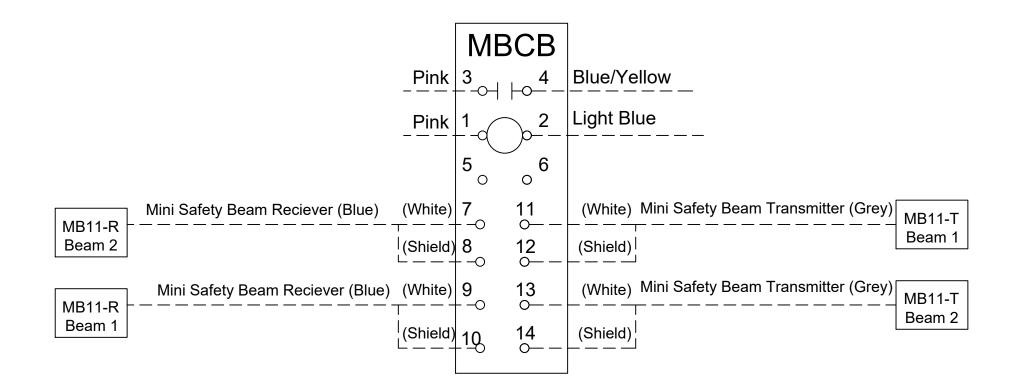
Contact your installer or the sales engineer if:

- you need to change the settings or replace the sensor.

- the trouble still persists after checking and remedying as described above.

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REVISIONS				
REV.	DESCRIPTION	DATE	APPROVED	



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AS A WHOLE WITHOUT WRITTEN PERMISSION OF CROWN INDUSTRIAL IS PROHIBITED.	DESCRIPTION: OC-12C-T Optex Mini-Beam	INDUSTRIAL So. San Francisco, Ca
FINISH:	MATERIAL:	(650) 952-5150 www.crown-industrial.com

DWG #Electrical DRAWN:BCM 7-11-11 REV:-----SHEET # MBCB Optex OS-12C FILE:d:vaultworkspace/autocaditoolpalettes/electrical symbols