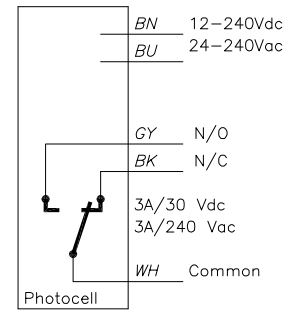


IP67 Retro-Reflective Photocell - Stock Code:- 33-1005

1. Mount the reflector and the sensor in the required positions.
2. Turn the distance potentiometer clockwise to maximum.
3. Adjust the sensor horizontally & vertically until the yellow and the green LED's go on to ensure that the beam hits the reflector.
4. Turn the distance potentiometer counter clockwise until both LED's go off.
5. For correct adjustment turn the distance potentiometer clockwise until both LED's are steadily on again.

Wiring Diagram - Relay Output (Stable Function)



Operating Ranges
 Polarised 0.1 - 8M
 Non-polarised 0.1 - 10M

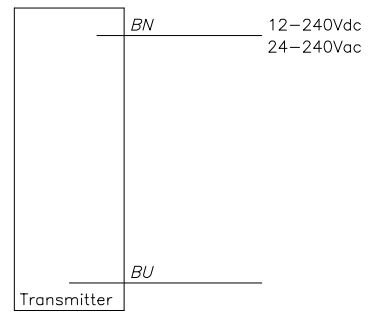
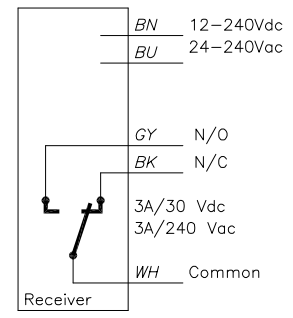
Green LED	Yellow LED Target Present	Status
ON	OFF	Supply OK - Not aligned
OFF	OFF	Aligned but low power (No output)
OFF	ON	Dirt Alarm - Aligned but low power (Output OK)
ON	ON	Stable Function

Note:- Both LED's must be ON for stable operation.

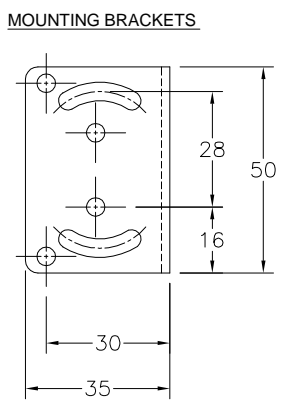
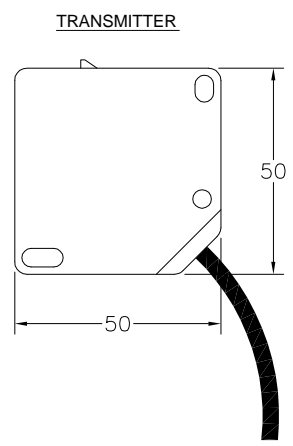
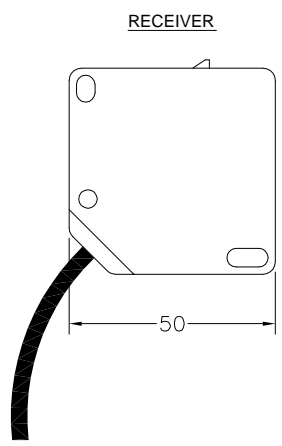
IP67 Thru-Beam Photocell - Stock Code:- 33-0991

1. Mount the Transmitter and the receiver in the required positions.
2. Turn the distance potentiometer on the receiver clockwise to maximum.
3. Adjust the receiver (and the Transmitter if necessary) horizontally & vertically until the yellow and the green LED's go on to fix the sensors.
4. Turn the distance potentiometer counter clockwise until both LED's go off.
5. For correct adjustment turn the distance potentiometer clockwise until both LED's are steadily on again.

Wiring Diagram - Relay Output (Stable Function)



Operating range - 0-20M



Title:-
 PC50 SERIES RETRO-REFLECTIVE / THRU BEAM PHOTOCELLS
 INSTALLATION INSTRUCTIONS

Drawing No:- LC-0255	Page No:- 1 OF 1
Revision No:- G	Rev Date:- 15/12/05
Drawn By:- R.A.H.	Date:- 10/02/95
Checked By:- A.M.	Appr' By:- S.L.