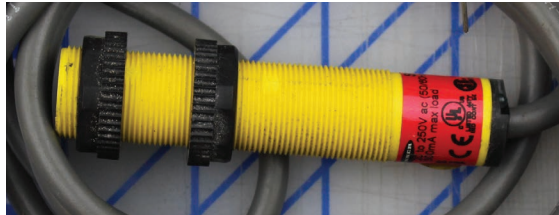


Overhead Door Photo Sensor Wiring

Most Poweramp, McGuire and DLM dock levelers with electrical push-button controls support interlocking the dock leveler with an overhead door contact. When a suitable photo sensor is installed, this interlock will prevent the dock leveler from operating until the overhead door is open (contact is closed). These photo sensors can also be used to switch signal lights with an overhead door on some equipment.

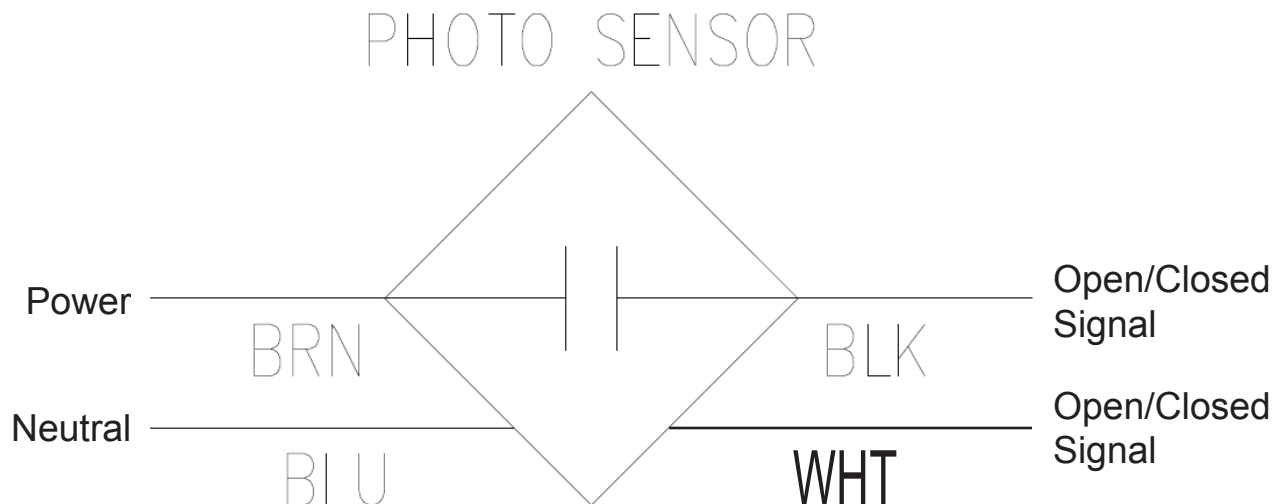


0961-0383 Photo Sensor

Systems, LLC stocks three "standard" photo sensors. DC photo sensors are for use with iDock controls and legacy PLC-controlled units. AC photo sensors are for use with any non-iDock controls that do not use a PLC:

Part Number	Description
0961-0477	DC Photo Sensor, Light & Dark Op (Both NC & NO contacts)
0961-0382	AC Photo Sensor, Dark Op (NC contact)
0961-0383	AC Photo Sensor, Light Op (NO contact)

Exact wiring of the photo sensor will differ depending on the equipment. See the electrical print supplied with your dock equipment for details. However, the below diagram provides a generic Banner sensor wiring overview:



Wire Color	Wiring (iDock/PLC units)	Wiring (non-iDock/non-PLC units)
Brown	+VDC from Control Box	+VAC from Control Box
Blue	0VDC from Control Box	0VAC from Control Box
Black	+VDC Signal (Normally Open)	+VAC Signal
White (0961-0477 only)	+VDC Signal (Normally Closed)	