



## Overview

The ILC Photoelectric Partition Sensor is used to automate room combine operations. The transmitter and receiver pair can be mounted in the ceiling to detect the state of a movable divider wall. The PPS is used in conjunction with a LSOSM input and is powered by the module, then programmed from the LightLEEDer or EVO panel to combine LightSync switch stations, touch screen stations or motions sensors to control two rooms for a combine operation.



## Features

- **Made in the USA, meets BABA Requirements**
- **IR Beam** Photoelectric Sensor pair
- **19ft** (6m) sensor range
- **Ceiling mounted** on both side of partition
- **Low profile** size
- **LED** status indicator
- **Easy to install** assembly
- **Powered** by LSOSM module
- **M12 Connector** with 6.5 ft (2m) cable provided
- **No Setting** required at the sensors
- **24VDC** powered output

## Warranty

One-Year limited warranty

## Ordering

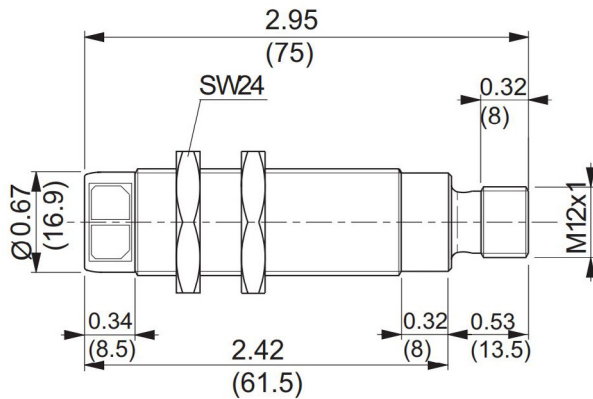
ILC-PPS

**Series:** ILC-Photoelectric  
Partition Sensor

Note: Includes Transmitter  
and Receiver pair with cables

All ILC product configurations are built to be compliant with the Buy American Act of 1933 (BAA) or the Buy America Build America Act (BABA). BABA is the minimum Government compliance requirement for the Buy America Build America standards which is part of the Infrastructure and Investment Jobs Act (IIJA). Individual Government Agencies may have more stringent compliance standards. Please refer to the [DOMESTIC PREFERENCES](#) website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements.

## Physical



Transmitter and Receiver



Sensor and cable

## Specifications

### Safeguards:

- Overcurrent protection

### Physical:

- 2.95" X 0.67" - 18mm sensor
- Mounting Nuts and washers provided
- M12 screw on connector and 6.5 foot (2m) cable lead included
- Paired devices Transmitter and Receiver included
- Status LED of receiver
- NPN right angel sensors
- IR Beam

### Electrical:

- 10-36VDC
- 10mA Receiver, 15mA Emitter

### Operating Environment:

- Location: Interior space
- Operating Temperature: -25° to 55° C
- Humidity: 10% - 90% Non-condensing
- Atmosphere: Non-explosive/corrosive
- Vibration: Stationary
- IEC IP67

### Domestic Preferences:

Domestic preference options to meet BAA or BABA requirements. BABA is the minimum Government compliance requirement for the Buy America Build America standards which is part of the Infrastructure and Investment Jobs Act (IIJA). Individual Government Agencies may have more stringent compliance standards. Please refer to the [DOMESTIC PREFERENCES](#) website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements.

### Certifications and Approvals:

- UL CUL