LEVITON ®

Dimensions® Partition Sensor

Emitter (Violet)   Receiver (Black)   Mounting Nuts

BASIC OPERATION

The Leviton Dimensions® Partition Sensor provides input status of moveable partition walls in areas like conference rooms and ballrooms. The partition sensor communicates with any Leviton Dimensions Control Station (KCLCM) to allow for a variety of different scenes and occupancy configurations when a room partition is present. The partition sensor offers flexible, independent control for partitioned sensors.
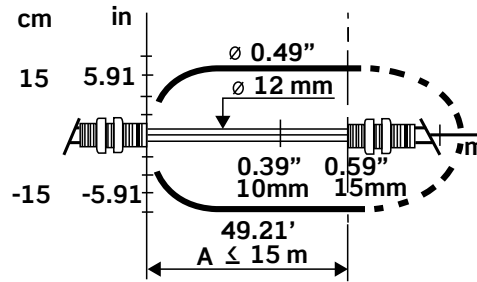
FEATURES
• 49' (15m) cable
• IP67 rated
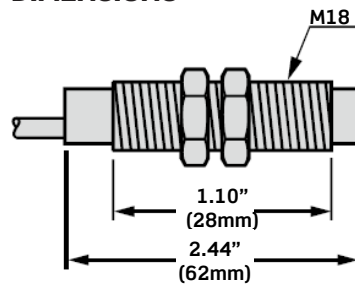• Low voltage operation 12-24 VDC

APPLICATIONS
• Conference rooms
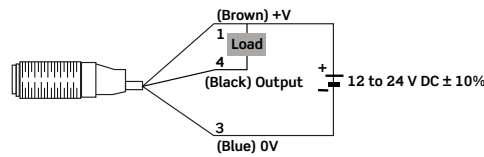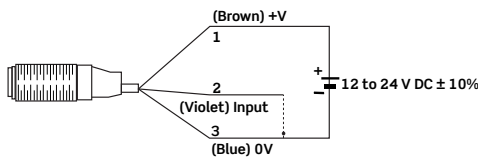• Ballrooms
• Hospitality environments

THRU-BEAM TYPE

cm   in

15   5.91   ∅ **0.49"**
              ∅ **12 mm**

-15   -5.91   **0.39"   0.59"**
              10mm   15mm

49.21'
A ≤ 15 m

A= Sensing Range

DIMENSIONS

M18

1.10"
(28mm)
2.44"
(62mm)

WIRING DIAGRAMS

(Brown) +V
1
2
(Violet) Input
3
(Blue) 0V
+ 12 to 24 V DC ± 10%

(Brown) +V
1
Load
4
(Black) Output
3
(Blue) 0V
+ 12 to 24 V DC ± 10%

Receiver of Thru-Beam/Reflective Type
PNP Output Type

(Brown) +V
1
(Black) Output
4
Load
3
(Blue) 0V
+ 12 to 24 V DC ± 10%
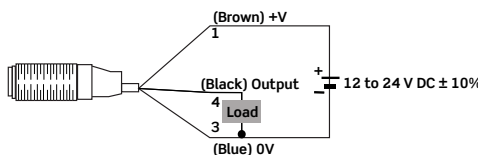
Connector Pin Position

M12 Connector

4   3
1   2

1 : +V
2 : Input (Only emitter of thru-beam type)
3 : 0 V
4 : Output (Only receiver of thru-beam type and reflective type)

Leviton Manufacturing Co., Inc. Lighting & Controls

PRODUCT DATA

SPECIFICATIONS

ELECTRICAL	
Voltage Inputs	+12-24VDC
Current	35mA or less
Emitting Element	890 nm infrared LED
ENVIRONMENTAL	
Operating Temperature	-13 to 131°F (-25 to 55°C)
Storage Temperature	-22 to 158°F (-40 to 70°C)
Relative Humidity	50%
OTHER	
Operation Indicator	Yellow LED (output on indicator)
Power Indicator	Green LED (power on indicator in emitter)
Protection	IP67

ORDERING INFORMATION

CAT NO.	DESCRIPTION
A2128-000	Dimensions Partition Sensor, includes both transmitter, receiver, and 90 degree mounting nuts

Dimensions® Partition Sensor

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Visit our Website at: www.leviton.com/sensors

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