Touch Controls DI-PS Partition Sensor Instructions
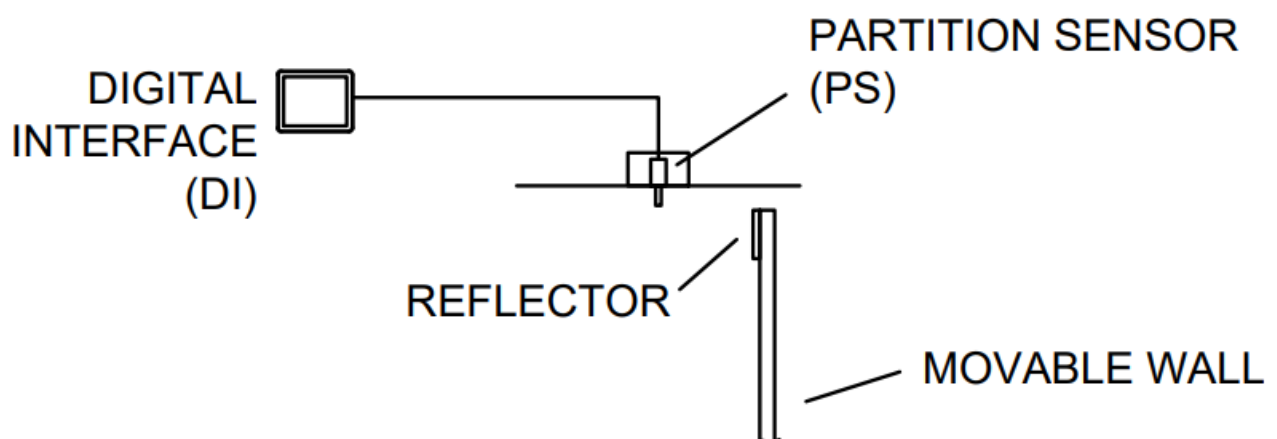
Contents

Touch Controls DI-PS Partition Sensor

Product Specifications

- Product Name: Partition Sensor
- Model Number: DI-PS
- Power Input: 12VDC
- Cable Types: CAT 5 (Minimum)
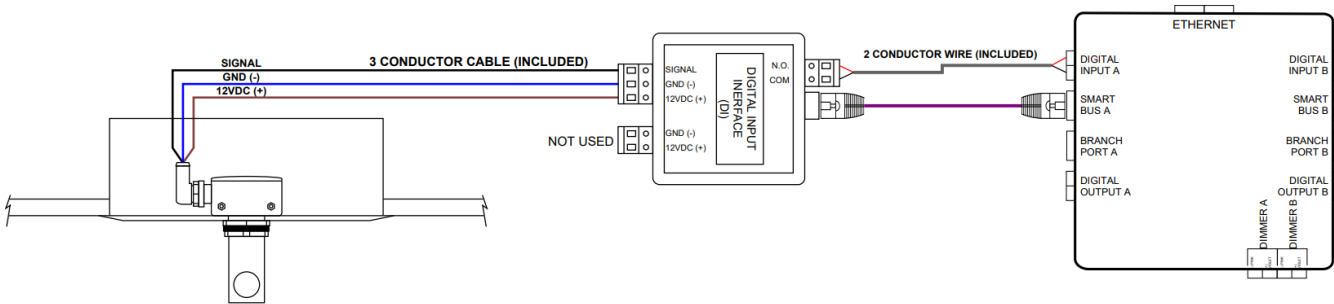- Maximum SmartNet Length: 400

PARTITION SENSOR MOUNTING

THE PARTITION SENSOR MUST BE IN LINE WITH THE REFLECTOR AND WITHIN 10′ OR LESS.

CABLE TYPES

LINE ID	DESCRIPTION	TYPE	NOTES
——————	SMART	CAT 5 (MIN)	TOTAL SMARTNET LENGTH NOT TO EXCEED 400'

PARTITION SENSOR WIRING

SIGNAL
GND (-)
12VDC (+)

3 CONDUCTOR CABLE (INCLUDED)

SIGNAL
GND (-)
12VDC (+)

DIGITAL INPUT INTERFACE (DI)

N.O.
COM

NOT USED

GND (-)
12VDC (+)

2 CONDUCTOR WIRE (INCLUDED)

ETHERNET

DIGITAL INPUT A   DIGITAL INPUT B
SMART BUS A   SMART BUS B
BRANCH PORT A   BRANCH PORT B
DIGITAL OUTPUT A   DIGITAL OUTPUT B

DIMMER A   DIMMER B

TIPS / NOTES

- ONCE THE DIGITAL INPUT INTERFACE (DI) IS POWERED ON VIA THE SMARTNET, THE PARTITION SENSOR AND DI CAN BE TESTED.
- IF WIRED CORRECTLY THE PARTITION SENSOR WILL HAVE A VISIBLE RED LED.
- THE REFLECTOR CAN THEN BE MOVED IN FRONT OF THE SENSOR. THIS SHOULD CAUSE AN
- AUDIBLE CLICK INSIDE THE DI. IF CLICK IS NOT HEARD, VERFIY WIRING.
- PARTITION SENSOR ONLY FUNCTIONS WITH THE ROOM MANAGER.

Installation

1. Ensure the Partition Sensor is mounted in line with the reflector and within 10 feet or less.
2. Connect the Digital Interface (DI) following the wiring instructions provided.
3. Power on the Digital Input Interface (DI) via SmartNet for testing.

Testing

1. Once powered on, check for a visible red LED on the Partition Sensor.
2. Move the reflector in front of the sensor to trigger an audible click inside the DI.
3. If no click is heard, verify the wiring connections.

Compatibility

The Partition Sensor only functions with the Room Manager system.

Contact Information
For further assistance, contact Touche Controls at:
Telephone: 888.841.4356
Website: **ToucheControls.com**

Frequently Asked Questions

Q: What should I do if the Partition Sensor LED does not light up?
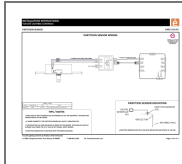A: Verify the power supply and wiring connections to ensure correct installation.

Q: Can the Partition Sensor be used without the Room Manager?
A: No, the Partition Sensor requires the Room Manager system for functionality.

Touché Lighting Controls (a Product of ESI Ventures) A: 2085 Humphrey Street, Fort Wayne, IN 46803 T: 888.841.4356 W: **ToucheControls.com**

Documents / Resources

Touch Controls DI-PS Partition Sensor [pdf] Instructions
DI-PS Partition Sensor, DI-PS, Partition Sensor

References

- **User Manual**