IntelliFlex I/O — Internal Sun Sensor

Part # C156.282

Overview

The Internal Sun Sensor adds the ability to control shades using brightness levels measured through a window. It was specially designed to work seamlessly with the rest of the IntelliFlex I/O system and features an easy plug and play interface with the Sensor/Schedule Interface (PN C156.272). The selectable measurement range ensures it will provide useful readings in a wide range of installation conditions.

It also features adhesive and bracket mount options to give greater flexibility to choose the mounting style that works best for any given application.

Features

• **Selectable measurement range**
• **Adhesive or bracket mount options**
• **Easy pluggable RJ45 connection**

To be used with the Sensor/Scheduler Interface *(Part# C156.272)*
Shown below:

SENSOR   **STAND**

For low voltage wiring requirements, Draper recommends consulting with a professional low voltage electrical contractor.
All low voltage wiring must be run separately from line voltage wiring

TECHNICAL SPECIFICATIONS

Material:	ABS plastic	
Dimensions:	4 $^5/_8$" x 1 $^1/_8$"	117 X 56mm
Max Wire Run:	300ft (91M)	
Operating Temp:	Ambient	
Shipping Weight:	1 lb	0.45 kg
Measurement Range: (selectable)	0-1,000 Lux 0-10,000 Lux 0-1000,000 Lux	

Wiring for an ISS into one of the bottom two terminal block ports on an SSI, using standard Network Cable Pinout (T-586B) on the sensor plug:

SSI Pin	Wire Color
GND	White/Orange
+VDC	Orange
0-10V	White/Green
4-20mA	Blue
Wind	White/Blue
Sun	Green
not used	White/Brown
not used	Brown

Data Cable Pin-Out - RJ45 Connector

1 - ORANGE/WHITE
2 - ORANGE
3 - GREEN/WHITE
4 - BLUE
5 - BLUE/WHITE
6 - GREEN
7 - BROWN/WHITE
8 - BROWN

DRAPER