OMNI Indoor/Outdoor Sensor Module

The Hubbell Control Solutions NXSMP-OMNI Module provides a unique solution for integrating automatic control functions directly into a luminaire. The NXSMP-OMNI houses a PIR motion sensor, a daylight sensor, and a Bluetooth® radio allowing wireless configuration and programming using a free smart device App.

The NXSMP-OMNI plugs into the SmartPORT™ on the NXFM In-Fixture Module forming a complete control system integral to the luminaire. System capabilities include On/Off switching, continuous dimming, daylight harvesting, and scheduling.

The NXSMP-OMNI Sensor Module is suitable for both indoor and outdoor applications and is the ideal solution for integrated fixture control in applications that can benefit from the superior performance and coverage pattern of the Hubbell Control Solutions OMNI line of PIR sensors.

Product Features

- Compact, discrete, low profile luminaire sensor
- PIR motion sensor for automatic On/Off control
- Integrated daylight sensor for daylight harvesting and/or lumen maintenance
- Bluetooth radio provides wireless control of luminaire
- Easy sensor configuration using smart device App
- Enables Intelliscopete™ feature when paired with NX Bluetooth mobile App, providing real time visibility of motion for improved accuracy of sensor sensitivity and time delay adjustments
- Non-volatile memory for sensor settings
- Simple plug-in connection to NX Fixture Modules
- Indoor and Outdoor versions available
- Five-year limited warranty

Ordering Information

<table>
<thead>
<tr>
<th>MODEL</th>
<th>TECHNOLOGY</th>
<th>SENSOR TYPE</th>
<th>APPLICATION TYPE</th>
<th>COLOR</th>
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<tr>
<td>NXSM</td>
<td>P</td>
<td>OMNI</td>
<td>Indoor Outdoor</td>
<td>Blank</td>
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Compliance and Certification

UL Listed
FCC
IP 65

Dimensional Data
Wiring Information

For SpectraSync™ applications, the highest CCT LED should be on CH1 and the lower CCT LED should be on CH2.

Coverage Pattern

NXSMP-OMNI Range

<table>
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<tr>
<th>NXSMP-OMNI Range</th>
<th>12' (3.7m)</th>
<th>22' (6.7m)</th>
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<tbody>
<tr>
<td>Minor Motion</td>
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<tr>
<td>Major Motion</td>
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General Specifications

LED Indicators: Red - infrared motion

Timer Timeout: Automatic mode: 1 sec - 20 min

Test mode: 8 sec (for ease of testing during installation)

Passive Infrared (PIR): Quad-element pyrometer

Coverage: 1:2.75 (mounting height: coverage radius) up to 14'

Power Requirements: 12VDC, 30 mA supplied by NXFM or NXRC

Standby Power (W):
- 120VAC: 0.1
- 277VAC: 0.1
- 347VAC: 0.2

Operating Environment:
- Operating Temperature: -40ºF to 185ºF [-40ºC to 85ºC]
- Relative humidity (non-condensing): 0 to 95%
- Suitable for use in return air plenum
- IP65 Rated (outdoor version only)

Construction:
- ABS (UL-94V5A) flame class rating, UV inhibitors

Dimensions:
- External: 0.6" [19.0mm] H, 2.6" [65.0mm] D
- Internal Thread: 1.2" [25.4mm] L, 1.4" [35.6mm] D

Weight: 3.2 oz [90.7g]

Color: White, Gray, Black

Mounting:
- Mounts in 1.5" diameter aperture, secured by supplied nut on threaded body
- Recommended max mounting height 12'

Certifications:
- Bluetooth Versions 4.1,
- FCC Part 15.247
- FCC ID: YH9NXSMP
- IC: 9044A-NXSMP

Warranty: 5-year limited

Default Settings

Occupancy Sensor: Enabled

Occupancy Sensor Sensitivity: 7

Occupancy Sensor Timeout: 15 Minutes

Photocell: Disabled