

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



ATEX-EXP-MS-N4X-AT-HV IEC Ex / ATEX Adjustable Motion Sensor

Listing: Approved for Europe and International Use and IECEx/ATEX Rated

Dimensions: 7"-W x 5"-H x 9"-D

Detection: Motion

Detection Coverage: 15' x 15' (Mounted @ 20-25')

Tilt Angles: -90° to +30° - Elevation

Reach: 6.5' to 32' - Adjustable

System Voltage: 120V, 208V, 220V, 240V or 277V AC

Maximum Wattage: 400W

Output Hold Time: 0.5 Secs to 15 Mins (Adjustable)

Mains Frequency: 50/60 Hz

Ambient Temperature Range: -22°F to +140°F

Radiated Frequency: 5.8 GHz

Operation: Normally Opened or Normally Closed

Wiring: Flying Leads

Ratings / Features

Approved for Europe and International Use

IEC Ex and ATEX Certified

Ex II 2GB Ex db IIC GB IP66

Ex II 2GB Ex tb IIC Db IP66

Ta = -20°C to +60°C

NRTL Listed to IEC 60079

NRTL Listed to EN 60079

IECEx UL 14.0071U

DEMKO 01 ATEX 15742U

Special Orders- Requirements

Contact us for special requirements

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The Larson Electronics ATEX-EXP-MS-N4X-AT-HV IEC Ex / ATEX Motion Sensor is approved for Europe and International use and provides the ability to power lights or other equipment based on motion. This IEC Ex / ATEX rated motion sensor features adjustable sensitivity and time delay after motion. Designed for mounting at a height ranging between 20-25 feet, the ATEX-EXP-MS-N4X-AT-HV can handle a maximum load of 400 watts.

This IEC Ex / ATEX motion sensor is ideal for operators seeking a high quality motion sensor rated for use in hazardous areas designated IEC Ex / ATEX. This IEC Ex / ATEX motion detector provides up to 15' by 15' coverage when mounted at 20'-25'. The entire unit is constructed of copper free non-sparking aluminum construction with a glass window for motion detection. This unit is easily wall mounted via integral mounting bracket, which can be adjusted -90° to +30° vertically after installation. The IEC Ex / ATEX rated housing provides two 1/2" or 3/4" hub openings located on either side of the housing for running electrical conductors in a feed through configuration. A bushing seal at each conductor opening prevents damage to wiring insulation.

This unit leverages cutting-edge microwave sensors to detect motion. When in use, the device sends out discreet waves that are reflected back from nearby walls and objects (not heat or light). Microwave sensors are not affected by line of sight, resulting in wider and more accurate coverage of the target area. By comparison, traditional infrared sensors can only detect heat and light (factors used to identify movement) within the unit's field of view. Microwave sensors also provide stable performance in unpredictable



Frequently Asked Questions (FAQ)



Warranty: 12 Months

Options:

-Voltage-Operation-Hub Config

Example: -120V-NO-0.75IN

Voltage	
120V	-120V
208V	-208V
220V	-220V
240V	-240V
277V	-277V

Operation	
NORMALLY OPEN	-NO
NORMALLY CLOSED	-NC

Hub Config	
3/4 IN	-0.75IN
1/2 IN	-0.5IN



Links (Click on the below items to view):

- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)