



Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: EXP-MS Series
Description: Explosion Proof Motion Sensor

Evaluated Listings:

UL: FTRV.E83969, BGYM.E83969, FTRX.E150827 – NEC / United States standards

UL: FTRV.E83969, BGYM7.E83969, FTRX7.E150827 – CEC / Canada standards

UL: DEMKO 06 ATEX 141023X, DEMKO 06 ATEX 0521635X – ATEX standards

UL: IEC Ex UL 14.0060X, IEC Ex UL 14.0069X – IEC Ex standards

CSA: LR11716 – CEC / Canada standards

The EXPCMR Series is certified to NEC, CEC, ATEX, and IEC Ex standards for hazardous locations for:

- NEC: Class I, Divisions 1&2, Groups B, C, D; Class II, Divisions 1&2, Groups E, F, G
- NEC: Class I, Zones 1 & 2, Groups IIB + H2, IIA
- CEC: Class I, Divisions 1&2, Groups B, C, D; Class II, Divisions 1&2, Groups E, F, G
- CEC: Class I, Zones 1 & 2, Groups IIB + H2, IIA
- ATEX: Ex II 2 G D, $-60^{\circ}\text{C} \leq T_a \leq +70^{\circ}\text{C}$
- IEC EX: Ex db IIC "T4...T3" Gb, Ex e IIC "T4...T3" Gb, Ex tb IIIC "T110°C...T140°C" Db IP66, $-60^{\circ}\text{C} \leq T_a \leq +70^{\circ}\text{C}$

The EXP-MS Series is comprised of a Killark HK series device enclosure. This device enclosure contains a microwave motion sensor, power supply, custom mounting of the electronics, wire connections, and an aluminum mounting bracket for the enclosure. This assembly is built to NEC, CEC, ATEX, and IEC standards for hazardous locations.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature:

Name: James Thomas
Position: Operations Manager