The EPL-AED-1X-GL from Larson Electronics is an Explosion Proof Device Box Instrument Enclosure that houses compact instruments or devices used in hazardous locations, confined spaces and industrial facilities. The EPL-AED-1X-GL is Class I, Divisions 1 & 2, Groups B, C, D, Class I, Zones 1 & 2, Groups IIB+H2, IIA, Class II, Divisions 1 & 2, Groups E, F, G and Class III Divisions 1 & 2 rated for hazardous areas and is listed for use worldwide including the United States, Canada, Europe and Asia. This explosion proof instrument enclosure may be used to comply with domestic and international code requirements, while providing protection for operators and nearby workers.

The EPL-AED-1X-GL offers protection from explosive hazards and ignitions, dust, harsh weather and rough treatment (tampering). This unit is cast from a copper-free aluminum alloy for durability. Neoprene 0-rings are provided with the enclosure to assure water resistance in NEMA 4/IP66 conditions. For maximum use of interior space, the explosion proof device box comes with offset feed-thru conduit openings (3/4” NPT). An internal ground screw is conveniently located away from the mounting components. The enclosure is finished with silver powder epoxy paint (electrostatically applied).

A special "X" configured cast-in mounting pad is available for flexibility during application. There is also a cast on side boss for optional machining, external mounting lugs on cover for seamless removal and tightening and an optional external ground screw. The ground screws are made out of zinc plated steel with
green dye, while the allen head cover screw is constructed of cadmium plated steel. This instrument enclosure comes with a 3/8" thick tempered glass lens cover. The explosion proof device box is rated NEMA Type 3, 4, 4X, 7 (B,C,D) and 9 (E,F,G) and designed to withstand the rigors of demanding environmental and operating conditions while remaining robust and easy to use.

**Applications:** Flow measurement devices, temperature monitors, two-wire transmitters, gas detectors, Ph analyzers, pressure gauges, level detectors, H2S monitors, transducers, pressure switches and other compact industrial instruments/devices.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.
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