

EPL-AED-2X-GL

Explosion Proof Device Box Enclosure - C1D1/C2D1 - Double Sided - Single Glass Lens - N4X

Product ID: 222405



Image: EPL-AED-2X-GL

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

EPL-AED-2X-GL Explosion Proof Device Box Instrument Enclosure - Double Sided

Listing: United States, Canada, Europe, Asia

Device Type: Double-sided Explosion Proof Enclosure

External Dimensions: 6.16" x 5.06"

Instrument Side Dimensions: 3.41" x 4.81"

Power Side Internal Dimensions: 3.41" x 4.81"

Glass Lens Opening: 2-5/16" x 3/8" Thick

Weight: 4.9 lbs

Maximum Slots @ Separation Wall: (2) 5/16" - 1.5"

Housing Material: Copper-free Aluminum

Enclosure Finish: Silver Powder Epoxy Paint, Electrostatically Applied

Cover Material: Tempered Glass

Hardware Materials: Zinc-plated Steel w/ Green Dye (Ground Screw), Cadmium-plated Steel (Allen Head Cover Screw)

O-ring Gasket Material: (2) Neoprene Rubber

Mount: Conduit

Hub Quantity: 2

Hub Size: (2) 3/4" NPT

Hub Location: (1) 3/4" NPT @ Power Side, (1) 3/4" NPT @ Instrument Side

Ratings/Approvals

Class I, Division 1&2 Groups A,B,C,D

Class I, Zones 1&2 Groups IIB+,H2,IIA

Class II, Division 1&2, Groups E,F,G

Class III

ATEX/IECEX Rated

IECEX UL 14.0071U

DEMKO 01 ATEX 15742U

Ta = -60°C to +70°C

Type 3, 4, 4X

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-765-7664

E-mail: sales@larsonelectronics.com

The EPL-AED-2X-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. Equipped with a double-sided configuration, the conduit-mount device box contains a tempered glass lens and two, 3/4" NPT hubs. This explosion proof instrument enclosure may be used to comply with domestic and international code requirements, while providing protection for operators and nearby workers.

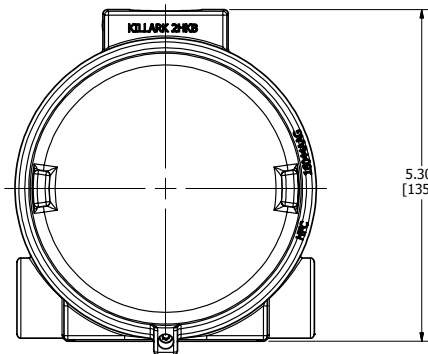
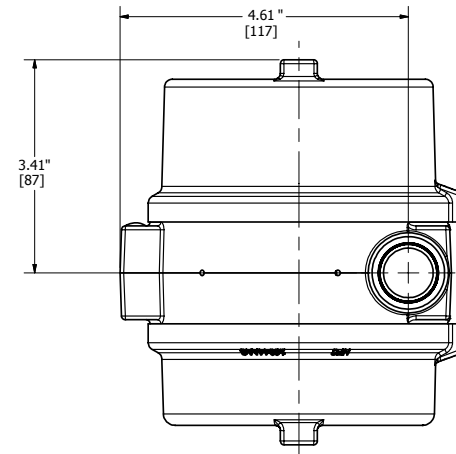
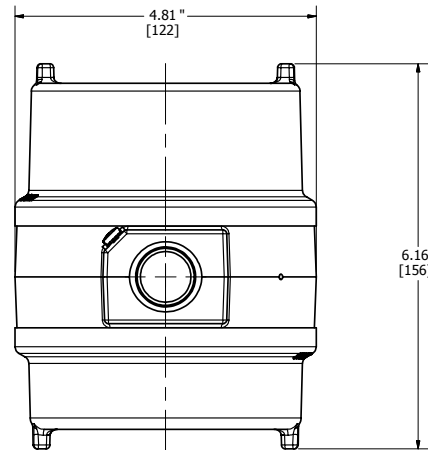
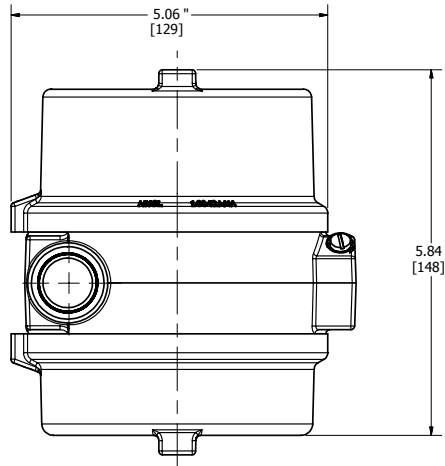
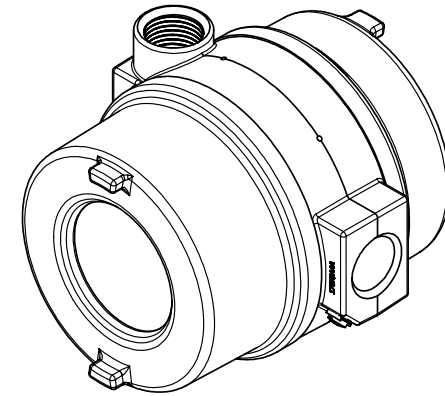
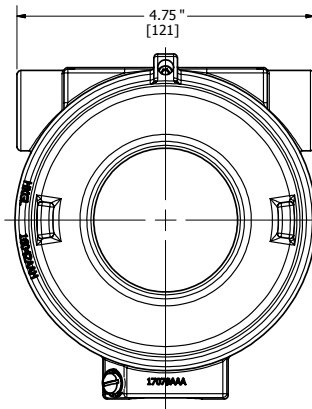
The EPL-AED-2X-GL offers protection from explosive hazards and ignitions, dust, harsh weather and rough treatment (tampering). This unit takes on a double-sided, threaded configuration and included an 'X' style interior for secure mounting of instruments. The interior separation wall of the explosion proof enclosure caters to a maximum of two 5/16" to 1.5" slots. The internal instrument side (front) of the device box measures 3.41" x 4.81", while the internal power side (back) of the device box measures 3.41" x 4.81".

This ATEX/IECEx rated enclosure is constructed of copper-free aluminum finished with powder epoxy paint. Protected by a 3/8" thick tempered glass lens and two neoprene rubber O-ring gaskets, 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. The explosion proof device box is rated NEMA Type 3, 4 and 4X, which is designed to withstand the rigors of demanding environmental and operating conditions, including ingress of moisture, water spray, liquid, oil and dust, while preventing damage from corrosion and external ice formation.

Mounting: The EPL-AED-2X-GL can be mounted on conduits. Operators may access two, 3/4" NPT hubs on the feed-through enclosure, with one 3/4" NPT hub located on the instrument side (front) and one 3/4" NPT hub located on the power side (back).

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

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TITLE:

EPL-AED-2X-GL

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DIMENSIONS ARE IN INCHES

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MATERIAL

CHECKED

DO NOT SCALE DRAWING

NAME

JEREMY BLANKENSHIP

SIZE

A

DWG. NO.

REV

5

4

3

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Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671



www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671



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Email: sales@LarsonElectronics.com
Fax: 903.765.7664





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www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664





Frequently Asked Questions (FAQ)

There are no Faqs