

ALUMINUM LIQUIDTIGHT CONNECTORS

PRODUCT SHEET





# **Aluminum Liquidtight Connectors**

Bridgeport Aluminum Liquidtight Connectors deliver reliable, long-lasting connections for aluminum liquidtight conduit, even in challenging salt and oil environments. Suitable for indoor, outdoor, and hazardous Class 1, Division II locations, these connectors are constructed from copper-free aluminum, ensuring exceptional strength and durability while effectively sealing out water, oil, dust, and dirt. Featuring large wrench flats for easy installation, they connect seamlessly to lightweight aluminum Type B conduit. The long ferrule design ensures superior system performance.

# **Advantages of Copper-Free Aluminum:**

- Corrosion Resistant: Will not rust, ensuring longevity
- Lightweight: Easy to handle, assemble, and install
- Strong: Excellent strength-to-weight ratio
- Durable: Long lifespan with reduced maintenance needs
- Cost-Effective: More affordable than stainless steel
- Efficient Heat Dissipation: Dissipates high heat effectively

**430-ALTG** 

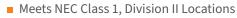
- Non-Ferrous: Non-magnetic properties
- Superior Conductivity: Better conductor with higher ground continuity

## Standards & Certifications:

- UL Standards: 514B
- cULus File No. E9391

431-ALT

■ ANSI/ASME Standard: B1. 20.1 (NPT threads)



### **Straight Aluminum**

| CAT NUMBER | TRADE SIZE | UNIT QTY | STD PKG QTY |
|------------|------------|----------|-------------|
| 430-ALT    | 1/2"       | 25       | 100         |
| 431-ALT    | 3/4"       | 10       | 50          |
| 432-ALT    | 1"         | 5        | 25          |
| 433-ALT    | 1-1/4"     | 5        | 20          |
| 434-ALT    | 1-1/2"     | 2        | 10          |
| 435-ALT    | 2"         | 2        | 20          |

#### 90° Aluminum

| CAT NUMBER | TRADE SIZE | ииіт оту | STD PKG QTY |
|------------|------------|----------|-------------|
| 470-ALT    | 1/2"       | 25       | 100         |
| 471-ALT    | 3/4"       | 10       | 50          |
| 472-ALT    | 1"         | 5        | 25          |
| 473-ALT    | 1-1/4"     | 5        | 25          |
| 474-ALT    | 1-1/2"     | 2        | 10          |
| 475-ALT    | 2"         | 1        | 5           |

## Straight Aluminum w/ Grounding Lugs

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|------------|------------|----------|-------------|
| CAT NUMBER | TRADE SIZE | UNIT QTY | STD PKG QTY |
| 430-ALTG   | 1/2"       | 25       | 125         |
| 431-ALTG   | 3/4"       | 25       | 125         |
| 432-ALTG   | 1"         | 10       | 50          |
| 433-ALTG   | 1-1/4"     | 5        | 25          |
| 434-ALTG   | 1-1/2"     | 5        | 25          |
| 435-ALTG   | 2"         | 2        | 10          |





