

EHL - HEADER LEAK TEST CONNECTORS

For EV Battery and Powertrain

Leak-Tight Sealing of Non-Circular Electrical Header Geometries

Designs tailored to perfectly seal even the most unique shapes.



SPECIFICATIONS

Pressure Rating	Operating Temperatures	Materials of Construction
Vacuum to 1 psi (Depends on application*)	-40°F to +250°F (-40°C to +121°C)	Anodized aluminum, stainless steel, plastic (Black Delrin)
Termination Port		Seal Material
1/8 or 1/4 NPT		Neoprene

ACTUATION OPTIONS:

- Lever (manual processes)
- Pneumatic (automated processes)

TEST PRESSURE:

Less than 1 psi

TEST MEDIA:

Air

ICON™ TECHNOLOGY:

Consult Factory


- 1 Leak-tight sealing of the entire header perimeter, including small radius corners.
- 2 Proprietary molded seal designed for reliable sealing and non-marring of electrical header.
- 3 Tapered nose provides easy and accurate connection.
- 4 Lever actuation for manual processes or pneumatic actuation for automated processes.



Available with **ICON** intelligent connection technology, supports process automation by enabling safety interlocks, real-time data collection and "good/bad" connection feedback.

EHL PRODUCT COMPARISON



Actuation Method	Lever	Pneumatic	Pneumatic with  ICON
Seals Non-Circular Ports	✓	✓	✓
Plug or Throughport Options	✓	✓	✓
Pneumatic Actuation	✗	✓	✓
Robotic Mounting Holes	✗	✓	✓
PLC Integration Capabilities	✗	✗	✓
Safety Interlock	✗	✗	✓

Custom Engineered Solutions

Tailor-Made Solutions, Optimized to Your Exact Requirements.

We transform connection tools into tailor-made solutions to fit your exact requirements. Our Team of engineers will work with you to identify and design the optimal Connection Tool for your testing needs. We want to evolve with our EV customers to develop world class Connection Tools and technology.

Automate Your Leak Test Process with ICON™ Intelligent Tools.

ICON™ is a process automation enabling technology engineered to enhance and maximize your testing process.

- Verify safe connections and reliable sealing.
 - Confirm step completion and set handshake points.
- Integrating sensing and real-time data output into FasTest's industry-leading connection tools. ICON™ puts the power in the hands of users to run smarter, safer, and faster tests. Whether you're making a manual connection or integrating automation, ICON™ technology has a connection solution for you. For more information visit fastestinc.com/icon

How to Quote/Order

Contact fastsales@fastestinc.com to submit an application evaluation.