Perfect for Head-Mount Instruments  The LH connection heads are ideal for use with head-mount transmitters such as Moore Industries’ TRX/TRY PC-Programmable and THZ2 Smart HART® Temperature Transmitters. The LH heads also protect terminal blocks used for sensor wire terminations.

Safeguards Expensive Instruments  Meeting NEMA 4X, IP66 ratings, both LH heads are resistant to ultraviolet rays and corrosive chemicals. Their high-impact materials protect instruments installed in harsh field conditions. The LH2 features a locking cover safety mechanism.

NPT, Metric and G½ (BSP) Entry Ports  The dual entry port LH heads connect to standard conduit types and temperature assembly components. See Ordering Information for more information.

Complete Temperature Assemblies  We offer complete lines of transmitters, RTDs, thermocouples, thermowells, connection heads and fittings at competitive prices. For information, ask your Moore Industries Sales Engineer.

For Explosion-Proof, Hazardous and General Locations  Available LH models meet standards for enclosing indoor and outdoor electronic instruments that are approved for use in Explosion-Proof, Intrinsically-Safe and Non-Incendive locations.

LH1 Certifications

- Factory Mutual Approvals
  - NEMA 4X; IP66

LH2 Certifications

- Factory Mutual Approvals
  - Explosion-Proof*
    - Class I, Division 1, Groups A*, B, C, D
    - Dust-Ignition Proof
    - Class II & III, Division 1, Groups E, F, G
    - NEMA 4X; IP66
  - ATEX Directive 2014/34/EU (ISSeP): Flameproof
    - II 2G Ex d IIC
    - II 2D Ex d A21 IP66
  - ANZEx - Test Safe - ANZEx (Australia) Flameproof
    - Ex d IIC T6 (Tamb 60°C) IP66
    - ANZEx 07.3027
  - CSA International
    - Explosion-Proof*
      - Class I, Division 1, Groups A*, B, C, D
      - Class II, Division 1, Groups E, F, G
      - Class III, Division 1
    - IP66
  - CE Conformant:
    - RoHS Directive 2011/65/EU - EN 50581

*Group A only: Seal all conduit within 18".
Connection Heads for Head-Mount Instruments

Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Body</th>
<th>Copper-free aluminum with chromatic conversion seal undercoat and TGIC Polyester powdercoat</th>
<th>Cover (cont.)</th>
<th>with chromatic conversion seal undercoat TGIC Polyester powdercoat</th>
<th>Weight</th>
<th>LH2: 553 g (19.36 oz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cover</td>
<td>Black PBT Polyester</td>
<td>(Flame retardant to UL V-O and U.V stabilized for extended outdoor use)</td>
<td>Tag</td>
<td>Anodized aluminum (LH1 when ordered with instrument; standard on the LH2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>LH2 Cover</td>
<td>Copper-free aluminum</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Ordering Information

<table>
<thead>
<tr>
<th>Enclosure</th>
<th>Enclosure Type</th>
<th>Conduit Entry Port Type</th>
<th>Cover Materials and Colors</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>LH</td>
<td>1 Connection head</td>
<td>N Two entry ports: both ½-inch NPT (FM approved)</td>
<td>For LH1: S Standard black PBT polyester cover</td>
<td>P Hardware for mounting the LH1 or LH2 on a standard 2-inch pipe</td>
</tr>
<tr>
<td></td>
<td>2 Explosion-Proof connection head</td>
<td>M Two entry ports: M20 cable and ½-inch NPT process (FM approved)</td>
<td>For LH2: S Standard black painted metal (aluminum) cover</td>
<td>*P Pipe mounting hardware not required</td>
</tr>
<tr>
<td></td>
<td>† Only N &amp; M conduit types are certified as explosion-proof</td>
<td>C Two entry ports: M20 cable and G½ (BSP) process†</td>
<td></td>
<td>LH2 only:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>E LH2 is ISSeP ATEX - Exd approved†</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>A LH2 is Test Safe - ANZEx approved†</td>
</tr>
</tbody>
</table>

When ordering the LH housing without instrumentation or as part of a line item order, specify:
Enclosure / Enclosure Type / Conduit Entry Port / Cover [Options]
Model number example:
LH / 1 / N / S [P]

When ordering the LH housing as part of a transmitter order (such as a TDZ3), place this condensed model number (with brackets or strokes removed) within brackets at the end of the transmitter model number or refer to the transmitter data sheet:
Model number example:
TDZ3 / TPRG / 4-20MA / 12-42DC [LH1NSP]

Specifications and information subject to change. Printed in U.S.A.