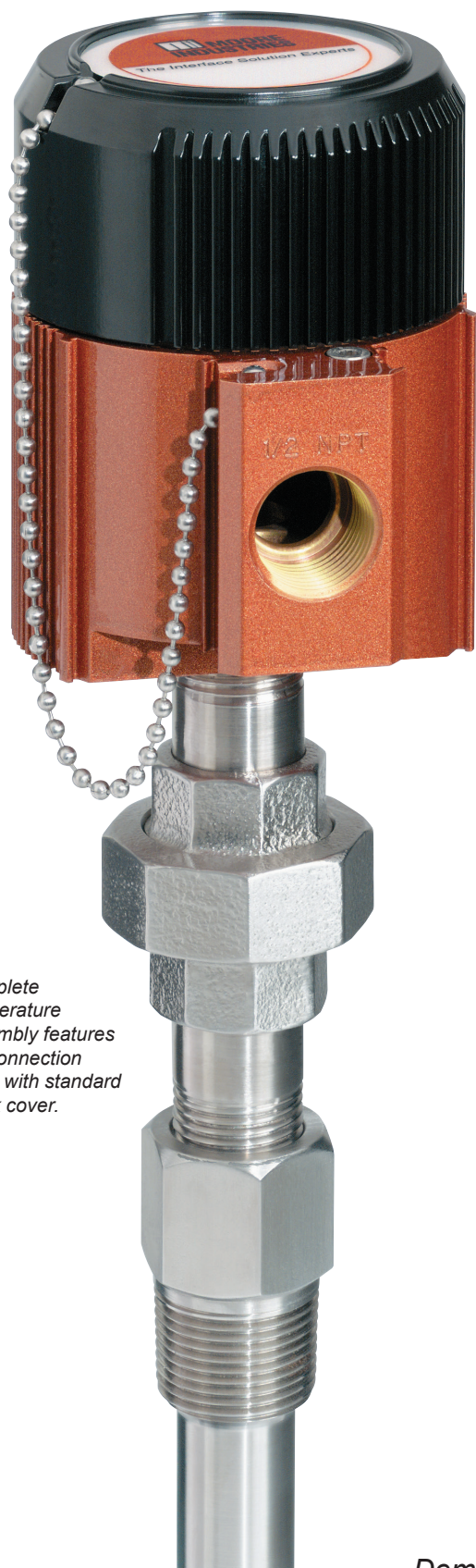


October 2023



Complete temperature assembly features **LH** connection head with standard black cover.

**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 THZ3 & STZ 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/Flameproof, Hazardous and General Locations** Available **LH** models meet standards for enclosing indoor and outdoor electronic instruments that are approved for use in Explosion-Proof/Flameproof, 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 tD A21 IP66



**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".

HART is a registered trademark of the HART Communication Foundation.

## Connection Heads for Head-Mount Instruments

### Specifications

<b>Body</b>	Aluminum alloy with chromate conversion coating and polyester powder coat	<b>Cover (cont.)</b>	LH2 Cover: Aluminum alloy with chromate conversion coating and polyester powder coat	<b>Weight</b>	LH1: 333 g (11.66 oz) LH2: 553 g (19.36 oz)
<b>Cover</b>	LH1 Cover: Black polycarbonate (Flame retardant to UL V-O and U.V. stabilized for extended outdoor use)	<b>Tag</b>	Anodized aluminum		

### Ordering Information

Enclosure	Enclosure Type	Conduit Entry	Cover Materials/Colors	Options	Pipe Mount/Tags
<b>LH</b> for head-mount transmitters	<b>1</b> Connection head	<b>N</b> 1/2-NPT Conduit 1/2-NPT Process  <b>M</b> M20 Conduit 1/2-NPT Process  <b>C</b> M20 Conduit G1/2 Process†† †† G½ seal must be provided on outside surface	<b>S</b> Black Polycarbonate  <b>B</b> Blue Polycarbonate	<b>-TB6</b> 6-Position Terminal Block  <b>-TB8</b> 8-Position Terminal Block  <b>-TRZ</b> Install & Tag	<b>P</b> 2" pipe mount 4X/IP66 Tag  <b>*P</b> No pipe mount 4X/IP66 Tag
<b>LH</b> for head-mount transmitters	<b>2</b> Ex-Proof/Flameproof Connection Head	<b>N</b> 1/2-NPT Conduit 1/2-NPT Process  <b>M</b> M20 Conduit 1/2-NPT Process	<b>S</b> Black Powder Coat Aluminum  <b>B</b> Blue Powder Coat Aluminum	<b>-TB6</b> 6-Position Terminal Block  <b>-TB8</b> 8-Position Terminal Block  <b>-FS</b> Safety Yellow base  <b>-EPP</b> Epoxy Protection	<b>P</b> 2" pipe mount 4X/IP66 Tag  <b>*P</b> No pipe mount 4X/IP66 Tag  <b>E</b> 2" pipe mount ATEX Tag  <b>A</b> 2" pipe mount ANZEx Tag

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 with a terminal block, specify:

Enclosure / Enclosure Type / Conduit Entry Port / Cover / Terminal Block [Options] *Model number example:* LH / 1 / N / S / -TB6 [P]

When ordering the **LH** housing as part of a transmitter order (such as a THZ3), 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:* THZ3 / TPRG / 4-20MA / 12-42DC [LH1NSP]

### LH1 & LH2 Installation and Mounting Dimensions

