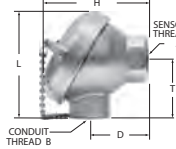
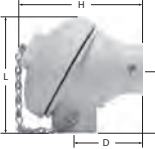
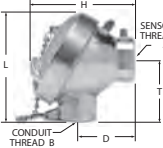
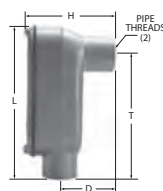
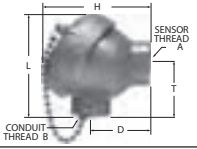
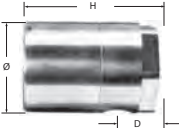
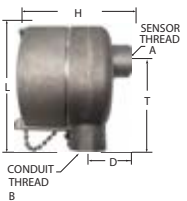


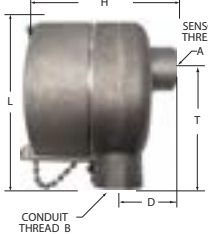
# Connection Heads

| Dimensions in inches (mm)                                                                 |                                                                                     | Material                                                         | IP/NEMA Rating        | Max Temp.     | Pipe thread codes      | Temptran™ models                  | Approx. weight     | Model  |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------|-----------------------|---------------|------------------------|-----------------------------------|--------------------|--------|
| <b>CH103</b><br>3.7 (94) H<br>3.7 (94) L<br>1.9 (48) D<br>2.0 (51) T                      |    | Nickel-plated cast iron with SS chain/silicone gasket            | IP55 Type 3 and 4     | 260°C (500°F) | P1, P2, P3, P4         | All models except TT530 and TT531 | 2.0 lbs. (0.9 kg.) | ▼CH103 |
| <b>CH366</b><br>3.5 (89) H<br>3.4 (86) L<br>2.0 (51) D<br>1.8 (46) T                      |    | White polypropylene (FDA approved) with SS chain/neoprene gasket | IP55 Type 3 and 4     | 120°C (248°F) | P3, P4                 | All models except TT530 and TT531 | 0.2 lbs. (0.1 kg.) | ▼CH366 |
| <b>CH359</b><br>3.6 (91) H<br>3.6 (91) L<br>1.9 (48) D<br>1.9 (48) T                      |    | Aluminum with SS chain/silicone gasket                           | IP55 Type 3 and 4     | 260°C (500°F) | P1, P2, P3, P4         | All models except TT530 and TT531 | 0.8 lbs. (0.4 kg.) | ▼CH359 |
| <b>CH301</b><br>2.33 (59.2) H<br>4.28 (108.7) L<br>1.25 (31.8) D<br>3.6 (91.4) T          |   | Aluminum/ neoprene gasket                                        | IP55 Type 3 and 4     | 115°C (240°F) | CH301: P3 only         | Miniature TT111 and TT211 models  | 0.5 lbs. (0.2 kg.) | ▼CH301 |
| <b>CH302</b><br>2.60 (66.0) H<br>5.20 (132) L<br>1.50 (38.1) D<br>4.25 (108) T            |                                                                                     |                                                                  |                       |               | CH302: P2 only         |                                   |                    | ▼CH302 |
| <b>CH360</b><br>3.7 (94) H<br>3.5 (89) L<br>1.9 (48) D<br>1.8 (46) T                      |  | 316 SS with SS chain/silicone gasket                             | IP56 Type 3, 4 and 4x | 260°C (500°F) | P1, P2, P3, P4         | All models except TT530 and TT531 | 1.8 lbs. (0.8 kg.) | ▼CH360 |
| <b>CH335/ CH339</b><br>2.5 (64) Ø<br>3.5 (89) H<br>0.95 (20) D                            |  | 300 series SS with Buna N O-ring                                 | IP56 Type 3, 4 and 4x | 121°C (250°F) | P3 only                | All models except TT530 and TT531 | 2.6 lbs. (1.2 kg.) | ▼CH335 |
|                                                                                           |                                                                                     | 300 series SS with Buna N O-ring and SS chain                    |                       |               |                        |                                   |                    | ▼CH339 |
| <b>CH514/ CH515/ CH516</b><br>4.3 (109) L<br>3.9 (99) H<br>1.48 (37.6) D<br>3.09 (78.5) T |  | Copper-free aluminum/ Fluorosilicone O-ring                      | IP66 Type 4           | 260°C (500°F) | P1, P2, P3, P4, P5, P6 | All models except TT530 and TT531 | 1.4 lbs. (0.6 kg.) | ▼CH514 |
|                                                                                           |                                                                                     | Copper-free aluminum, powder coated/ Fluorosilicone O-ring       | IP66 Type 4 and 4X    | 149°C (300°F) |                        |                                   |                    | ▼CH515 |
|                                                                                           |                                                                                     | Stainless steel/ Fluorosilicone O-ring                           |                       | 260°C (500°F) |                        |                                   | 3.7 lbs. (1.7 kg.) | ▼CH516 |

▼= STANDARD OPTIONS

Specifications subject to change

# Connection Heads

| Dimensions in inches (mm)                                                                                                                                               | Body/gasket material                                            | Hazardous location rating                                                                                                                                                    | IP/NEMA Rating           | Max Temp.       | Approx. weight        | Model        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------|-----------------------|--------------|
| Flameproof/Explosionproof/Dust ignition protected heads - ATEX/IECEx/North American Ex approved                                                                         |                                                                 |                                                                                                                                                                              |                          |                 |                       |              |
| <b>CH504/CH506:</b><br>4.3 (109) L<br>3.9 (99) H<br>1.48 (37.6) D<br>3.09 (78.5) T<br> | Copper-free aluminum/<br>Fluorosilicone O-ring                  | <b>ATEX/IECEx:</b><br>Ex II 2G Ex db IIC Gb,<br>Ex II 2D Ex tb IIIC Db;<br><b>NEC 505/CSA C22.2:</b><br>Class I, Zone 1, Ex/AEx db<br>IIC Gb; Zone 21, Ex/AEx tb<br>IIIC Db; | IP66<br>Type 4           | 85°C<br>(185°F) | 1.4 lbs.<br>(0.6 kg.) | ▼<br>CH504   |
|                                                                                                                                                                         | Copper-free aluminum,<br>powder coated/Fluorosilicone<br>O-ring | <b>NEC 500/CSA C22.2:</b><br>CI I, Div 1&2, Gp B,C,D<br>CI II, Div 1&2, Gp E,F,G<br>CI III, Div 1&2                                                                          | IP66<br>Type 4 and<br>4X |                 |                       | ▼<br>CH504_P |
|                                                                                                                                                                         | Stainless steel/Fluorosilicone<br>O-ring                        |                                                                                                                                                                              |                          |                 | 3.7 lbs.<br>(1.7 kg.) | ▼<br>CH506   |

## Notes:

- All Temptran™ transmitter models except TT530 and TT531 may be used with connection heads on this page.
- See section 4 for more information

## Replacement terminal boards

| Model | 6-position board | 8-position board |
|-------|------------------|------------------|
| CH103 | AC103029         | AC101926         |
| CH301 | AC101377T6       |                  |
| CH302 | AC101377T6       |                  |
| CH335 | AC100427         | AC101926         |
| CH339 | AC100427         | AC101926         |
| CH359 | AC100427         | AC101926         |
| CH360 | AC100427         | AC101926         |
| CH366 | AC103029         | AC101926         |
| CH504 |                  | AC229180         |
| CH506 |                  | AC229180         |
| CH514 |                  | AC229180         |
| CH515 |                  | AC229180         |
| CH516 |                  | AC229180         |

## Specification and order options

| CH504                           | Model number from table                                                                                          |          |           |
|---------------------------------|------------------------------------------------------------------------------------------------------------------|----------|-----------|
| P2                              | Pipe thread code:                                                                                                | Thread A | Thread B  |
|                                 | ▼P1 =                                                                                                            | 3/4 - 14 | 1/2 - 14  |
|                                 | ▼P2 =                                                                                                            | 3/4 - 14 | 3/4 - 14  |
|                                 | ▼P3 =                                                                                                            | 1/2 - 14 | 1/2 - 14  |
|                                 | ▼P4 =                                                                                                            | 1/2 - 14 | 3/4 - 14  |
|                                 | ▼P5 = (CH5xx only)                                                                                               | 1/2 - 14 | M20 x 1.5 |
|                                 | ▼P6 = (CH5xx only)                                                                                               | 3/4 - 14 | M20 x 1.5 |
| T                               | Connection type:<br>▼T = Terminal board for wires AWG 14 or smaller<br>▼W = Wire nuts for wires AWG 14 to 22     |          |           |
| 8                               | Number of terminal posts or wire nuts:<br>▼ 0, 6*, 8<br>T0: transmitter mounting hardware<br>W0: empty enclosure |          |           |
| P                               | Exterior head finish:<br>P = Powder coated finish (available on CH504 heads only)                                |          |           |
| CH504P2T8P = Sample part number |                                                                                                                  |          |           |

\*T6 or W6 not available for CH5xx connection heads

Specifications subject to change