

Connection Heads

Stainless Steel
Aluminum
Polypropylene
Cast Iron



Small Stainless Steel
Connection Head Shown
with Quick Release Fitting

Connection Heads are used to provide a way to connect the sensor leads to the instrumentation that is used for monitoring or controlling the process. The leadwires from the sensor are connected to a terminal block mounted inside the connection head. In turn, the wiring to the monitoring equipment is also connected to the terminal block and that allows for the signal to be read.

Connection heads are available in a variety of different styles. Individual terminal blocks are also available in fiberglass or ceramic. Transmitters are available for mounting inside the connection head. We also offers custom labeling, weatherproof and explosion proof rated connection heads.

FEATURES

- NEMA 4 Rated
- Custom Labeling Available:
 - » Standard with Measurement Specialties label
- Terminal Blocks:
 - » Fiberglass standard
 - » Ceramic available upon request

APPLICATIONS

- Motors
- Generators
- Process
- HVAC

performance specifications

NEMA Requirements: Standard connection heads at the minimum, meet NEMA 4 requirements

Labeling: Standard with RTD Company label, available without a label or with a custom label

Terminal Blocks: Fiberglass is standard, other materials available

Surface Finish:

Cast Iron style is coated with black, heat resistant baked enamel
Small Stainless Steel style has an electro-polished finish

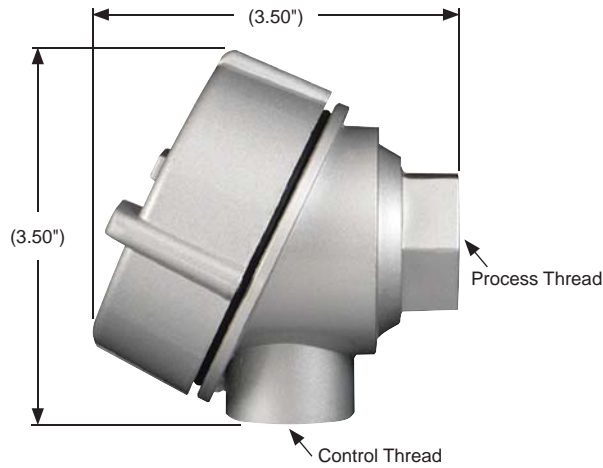


Cast Iron Connection Head Shown with 6-Place Fiberglass Terminal Block

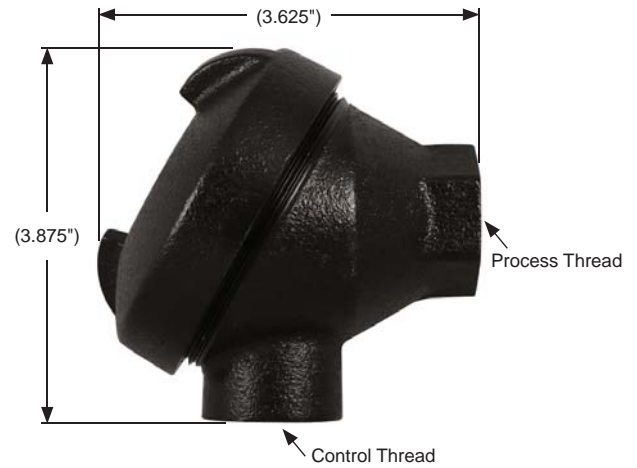
Connection Heads

dimensions

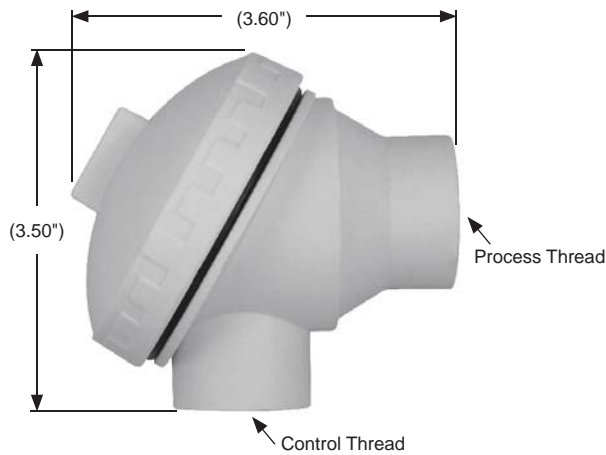
Stainless Steel and Aluminum (Shown)



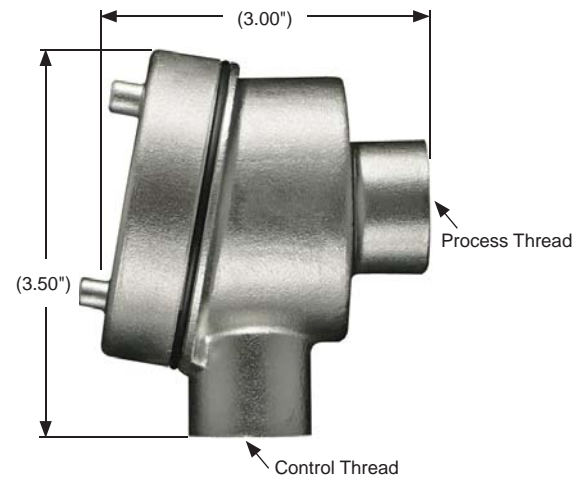
Cast Iron



Polypropylene



Small Stainless Steel



ordering info

Connection Heads

| Model | Style |
|-------|-----------------------|
| 690A | Stainless Steel |
| 690B | Aluminum |
| 690C | Polypropylene |
| 690D | Cast Iron |
| 690G | Small Stainless Steel |
| Model | Process Thread |
| 4 | 1/2" NPT (Standard) |
| 5 | 3/4" NPT |
| Model | Control Thread |
| 4 | 1/2" NPT |
| 5 | 3/4" NPT (Standard) |
| Model | Terminal Block |
| 4 | 4-Place Fiberglass |
| 6 | 6-Place Fiberglass |

* Please consult factory for availability.

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Stocked Part Numbers*

| Part Number | Model Number |
|-------------|--------------|
| R-10331-4F6 | 690D 4 5 6 |
| R6714-4F6 | 690G 4 5 6 |
| R-6717-4F6 | 690B 4 5 6 |
| R-6718-4F6 | 690A 4 5 6 |

Mouser Electronics

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[R-10331-4F6](#)