

Series 3E – Pipe Thread Attachment Series 3N – Flat Surface Mounting

- ▶ Up to 7 Probes
- ▶ Threaded Attachment (3E)
- ▶ CSA Approved
- ▶ FM Approved (3E)
- ▶ Flat Mounting (3N)
- ▶ Available in Various Body Metals
- ▶ U.L. Recognized (3E)

Series 3E fittings are cast metal, pressure-tight assemblies capable of handling 1-7 probes. Attachment to vessels is accomplished with external pipe threading. 3E Fittings require the use of 3R rigid or 3W wire suspended electrodes.

Series 3N fittings accommodate 1-3 probes operating at atmospheric pressure. The assembly mounts on a flat surface atop open tanks or closed vessels. 3N Fittings require the use of 3R rigid or 3W wire suspended electrodes.

Specifications

| | |
|-----------------------------|--|
| Type of Connection | |
| Series 3E | Threaded |
| Series 3N | Bracket |
| Probes | |
| Series 3E | 1 thru 7 |
| Series 3N | 1 thru 3 |
| Terminal Housing | Die cast aluminum, epoxy coated |
| Body Material | |
| Series 3E | Cast iron, red brass, 316 stainless steel |
| Series 3N | PVC, red brass, 316 stainless steel |
| Pressure/Temperature | |
| Series 3E | 125 psig @ 353°F (cast iron); 250 psig @ 406°F (brass, 316 s.s.) |
| Series 3N | 0 psig @ 150°F (PVC); 0 psig @ 500°F (brass, 316 s.s.) |
| Approvals | |
| Series 3E | U.L. File # MP2489, Vol. 1, Sec. 2; CSA; FM |
| Series 3N | CSA File # LR11644 |

Dimensions

| Series | No. of Probes | Attachment to Vessel | Conduit Boss Thread Size | Terminal Housing Size (W" x D" x H") |
|--------|---------------|---|--------------------------|--------------------------------------|
| 3E | 1 | 1" NPT | 1/2" NPT | 2-1/4 x 2-1/4 x 2-1/4 |
| | 2 | 2" NPT | 1/2" NPT | 3-1/4 x 3-1/4 x 2-3/8 |
| | 3 | 2" NPT | 1/2" NPT | 3-1/4 x 3-1/4 x 2-3/8 |
| | 4 | 2-1/2" NPT | 1/2" NPT | 3-1/4 x 3-1/4 x 2-3/8 |
| | 5 | 3" NPT | 3/4" NPT | 4 x 4 x 2-1/2 |
| | 6 | 3" NPT | 3/4" NPT | 4 x 4 x 2-1/2 |
| | 7 | 3" NPT | 3/4" NPT | 4 x 4 x 2-1/2 |
| 3N | 1 | 2-1/4" square flat pad, 1-1/2" dia. hole in top of vessel secured with #10 machine screws at the corners of a 1-1/2" square | 1/2" NPT | 2-1/4 x 2-1/4 x 2-1/4 |
| | 2 | | 1/2" NPT | 3-1/4 x 3-1/4 x 2-3/8 |
| | 3 | | 1/2" NPT | 3-1/4 x 3-1/4 x 2-3/8 |

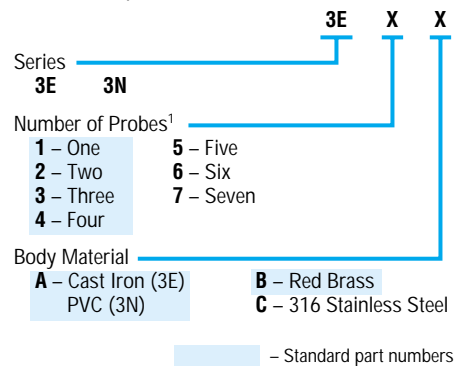


Applications

- Open Tanks
- Closed Vessels
- Water
- Diluted Corrosive Liquids

How to Order

Use the **Bold** characters from the chart below to construct a product code.



Note:

1. 3N features up to three probes only.