

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	Flat Surface Mounting
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



Series 3E



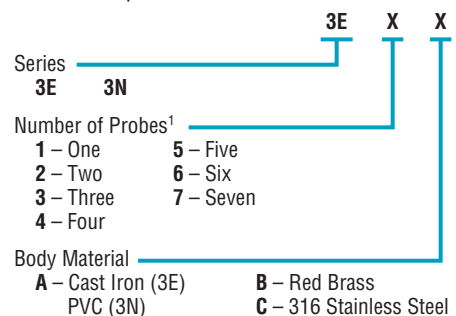
Series 3N

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.



Notes:
1. 3N features up to three probes only.
2. Special modifications available. Consult factory.