

# Warrick® Sensor Fittings and Probes

Warrick Liquid Level Sensors are available in single- and multi-probe models and with a variety of fittings. The versatility of the Warrick design makes these sensors ideal for a diverse range of applications.

#### Examples include:

- Food and Beverage
- Pharmaceuticals
- Caustics and Acids
- Boilers and Steam Generators
- Sumps
- Reservoirs
- Ponds

· Sewage and Wastewater

this come installed in the electrode holder



### **Fitting Styles**

- 3/8" to 3" Threaded Mount
- Bracket Mount
- Flange Mount
- External Mount
- Sanitary Mount
- Condulet Mount



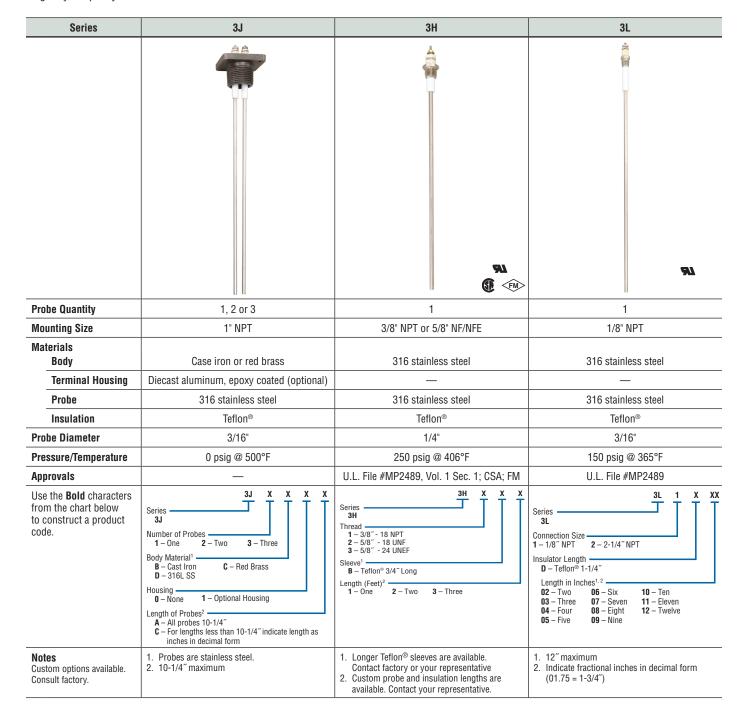
### Sensor Selection Chart

SERIES		3E	3N	3F	3G	3C	3K	3J	3L	3M	3MT	38	3R	3T	3B	3H	3W	3Y
Page Number		E-23	E-23	E-22	E-22	E-26	E-26	E-21	E-21	E-28	E-28	E-27	E-24	E-24	E-23	E-21	E-25	E-25
	Flange			•	•													
Body Options	Pipe Thread	•			•			•										
	Flat Mount		•		•													
	Side Chamber					•	•											
	Non-Contact Electrodes											•						
	Food Grade Connection									•	•							
	Bracket Mount											•						
Fitting Body Material Options	Brass	•	•	•		•		•										
	PVC		•	•	•													
	1018 Carbon Steel			•														
	Stainless Steel	•		•														
	Forged Steel			•														
	Nylon									•	•							
	Cast Iron	•				•	•	•				•						
	Coated Aluminum	•	•	•		•	•	•				•						
Housing Material	Polycarbonate				•													
	1 to 3		•					•										
Number of Probes	1 to 4					•	•			•	•							
	1 to 7	•		•	•							•						
Electrodes	Electrode Only								•				•	•	•	•	•	•

### Designed for OEM

- Compact
- ▶ One-Piece Probe/Body Construction
- Quick Install & Connect
- Order Sized to Your Spec

These Warrick fitting are designed for OEM use. They are shipped ready for quick installation. Integrated probes eliminate pre-assembly tasks, and avoid potential vibration-induced loosening when installed with power tools. Choose from single-or multi-electrode probe series. Gems supplies these series with probes pre-cut to lengths you specify.





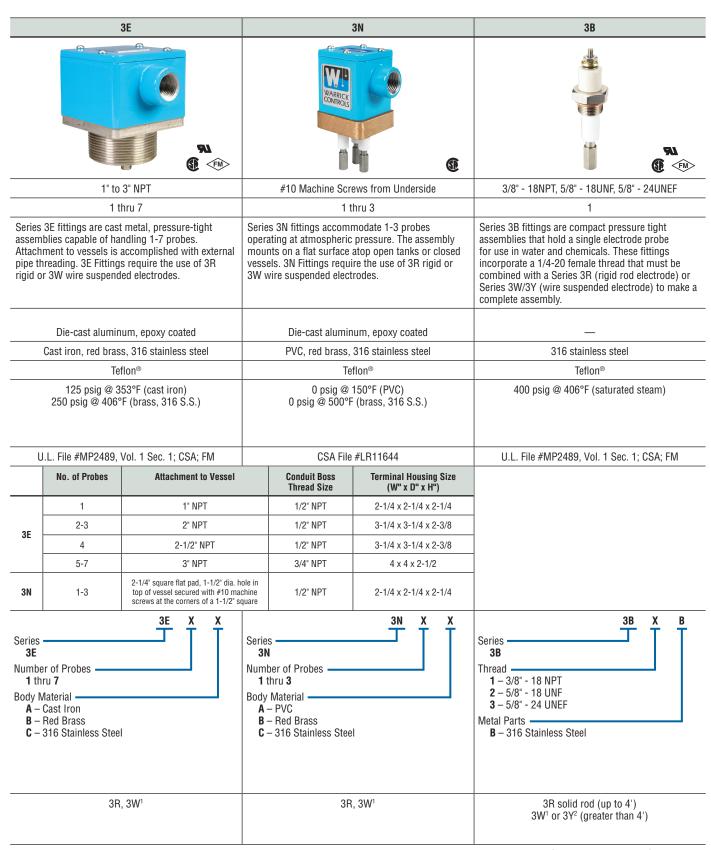
## Top Mounting Fixtures – General Purpose

Series				3F	3 <b>G</b>				
Mounting Connection		F	lange — 4	.5" to 7.5" Di	NPT, Flange, Bracket (Plate)				
Probe Quantity			1 t	hru 7	1 thru 7				
Description	pressur with sta	e-tight fittin	gs can han flanges cou	service, Seri dle up to 7 p ipled to the t als.	Series 3G fittings are designed for general purpose use, and are made of PVC to withstand corrosive conditions. The flanged assemblies are sized to accommodate up to 7 probes and to mate with standard flanges on the tops of vessels.				
Materials									
Terminal Housing				um, epoxy c	Polycarbonate				
Body	F	orged steel		, 316 S.S., 1	PVC				
Probe Insulation				flon®		Teflon®			
Pressure/Temperature		23 23	225 psig @ 60 psig @ 1 5 psig @ 10	23°F (cast ir 150°F (bras 00°F (316 S 00°F (1018 C not rated	0 psig @ 150°F (PVC)				
Approvals			C	SA		_			
Dimensions	No. of Probes	Nominal Pipe Flange Size	Diameter of Flange	Conduit Boss Thread Size	Terminal Housing Size (W" x D" x H")				
	1	1	4-1/2"	1/2" NPT	2-1/4 x 2-1/4 x 2-1/4				
	2-3	2	6"	1/2" NPT	3-1/4 x 3-1/4 x 2-3/8				
	4	2-1/2	7"	1/2" NPT	3-1/4 x 3-1/4 x 2-3/8				
	5-7	3	7-1/2"	3/4" NPT	4 x 4 x 2-1/2				
How to Order  Use the <b>Bold</b> characters from the chart at right to construct a product code.  Electrode Probes are ordered separately.	1 thro Body Ma A - F B - F C - 3 D - 1		(Raised Fa lat Face) ised Face) laised Face	,	Series  3G  Number of Probes  1 thru 7  Base Size and Style  A - 2" Flange (6" 0.D.) <sup>3</sup> B - 3" Flange (7-1/2" 0.D.)  C - 3-1/4" x 6" x 3/4" PVC Plate  Probe Type  1 - 316 S.S. Inserts for Use with 1/4" Rod Extensions 2 - Tapered Probe Assembly <sup>5</sup> 3 - Wire-Suspended Probes <sup>6</sup>				

- Requires 3Z1B Adapter and 3Z1A Wire.
   Requires 3Z1B Adapter.
- 3. Maximum 4 probes.

- 4. Order 3R rods separately. See page E-24.
  5. Order 3T rods separately. See page E-24.
  6. Order 3W/3Y probes separately. See page E-25.

Custom options available. Consult factory.



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