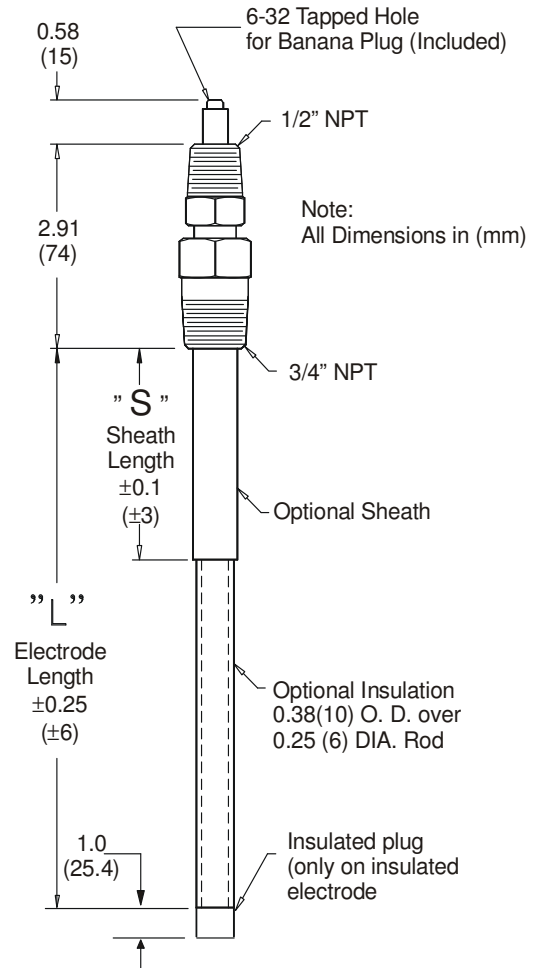


## General Purpose Level Sensing Elements

- **Extruded Insulation Construction.**  
 These level probes are constructed using extruded insulation to ensure a snug fit with the level sensing element. Air encapsulation is minimized, and the variation in generated capacitance is reduced.
- **Chemically-resistant Materials.**  
 Standard 316 stainless steel and TFE Teflon<sup>®</sup> wetted parts enable these probes to operate in a wide variety of liquid and granular processes. Other materials are also offered.
- **Safe, Captive Sensing Element.**  
 The sensing element is held captive in the entrance gland to prevent it from becoming a possible projectile when used in a pressurized vessel.
- **Sheath Option.**  
 A sheath option is available when mounting the level probe in a nozzle or pipe extension. Located below the 3/4 inch NPT installation fitting, the sheath renders that portion of the sensing element length inactive.
- **Optional Ground Wire or Ground Rod.**  
 When the application requires that the level probe be grounded, an optional spiral-wrapped wire or a solid rod is offered in a variety of materials.
- **Flange, cooling Gland, and Custom Bend Options.**  
 To accommodate installation requirements, these level probes are available with a flange.



**NOTE:**

The Model 4000L-series level probes are not recommended for use in materials which tend to form a conductive film on the surface of the sensing element.

### Specification

Wetted Material.....	316 SS and TFE Teflon <sup>®</sup> , other materials available
Max. Temperature.....	TFE Teflon <sup>®</sup> : 450°F (232°C),
Max. Pressure.....	TFE Teflon <sup>®</sup> : 1000 psig at 150°F (68 bar at 65.5°C); derated to 0 psig at 350°F (0 bar at 176.6°C)
Gland Capacitance.....	25 pF (for TFE Teflon <sup>®</sup> )
Max. Standard Length.....	19.5 ft. (5.9 m)
Electrode Diameter.....	3/8 inch (9.5 mm)

## Ordering Information

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<b>MODEL NUMBER</b> <b>40</b> General purpose insulated level sensing elements with 3/8 inch (9.5 mm) diameter electrode.
<b>WETTED METAL PARTS MATERIAL</b> <b>0</b> 316 Stainless steel <b>1</b> Hastelloy 'C'
<b>INSULATION MATERIAL</b> <b>0L</b> Bare (no insulation – for point level only)

<b>40</b>	<b>0L</b>	<b>Product Number (specify length of sensor in mm)</b>
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Choose one from each category.

Teflon<sup>®</sup> is a DuPont Co. Trademark

### Ordering Notes:

1. Plastic-faced flange material must match the specified insulation material. A plastic-faced flange includes a gland welded to the flange.
2. A ground rod is only available when a flange option is specified, and it is limited to a maximum length of 120 inches. The specified flange size for use with a ground rod must be at least 3 inches. A ground rod cannot be provided on a plastic-faced flange