Digital Smart Sensors:

**Without integral preamplifier** style only:

- Analog Dual pH & ORP All-in-one Sensors
- Analog Sensors without integral preamplifier

**With integral preamplifier** style:

- Analog Sensors with integral preamplifier
- Analog Dual pH & ORP All-in-one Sensors without integral preamplifier style only

**Integrated Components**:

- Front threads interface ¾” FNPT of tee or process tank for Inline Use or Rear threads interface ¾” FNPT of insertion tube for immersion or waterproofing seal for submersion

**Support Matrix**:

- KYNAR® (Poly-Vinylidene-Fluoride, PVDF) Standard or Polypropylene (PP) - 6412PP
- Alpha Prefix Order Code Designation

**Storage and Shelf Life**:

- One (1) year from date of dispatch from factory when stored at indoor ambient room temperature with proper orientation & protector cap.

**Example Recommended Applications**:

- Acid fluoride etching solutions or fluoride wastewater treatment systems where low pH conditions may exist or strong acid cleaning is required to remove fouling from sensor.

**Available Configurations & Options**:

- Temperature Compensation Element (compatible type must be specified)
- Solution Ground Liquid Earth, 316SS (alpha prefix “Y”), or Platinum (alpha prefix “Pt”)
- Analog Conventional or Differential Preamplifier (Contact factory for available options)
- Smart digital sensor board for use with 3TX-HIQ-pH Intelligent pH & ORP transmitters

**Inquire to factory for specials**
1. All dimensions are in inches, unless otherwise indicated with tolerances as detailed below.
2. Sensor body material of construction is CPVC (6X13/6X12), RADEL (6X32), PEEK (6X42), RYTON (6X53/6X54).
3. Drawing shown in the standard with protective tines configuration (4 places, 90 degrees apart).
   The 2 protective tines only "GRO" configuration (2 places, 180 degrees apart) is optional.
4. In the alternate without tines configuration ("NG") the sensor body is exactly 7.5 inches in length.
   The max displacement for hemispherical pH glass is 0.3" yielding a max insertion depth of 1.8 inches past threads & overall max length of 7.8 inches.
5. Do not use any sensor beyond the factory defined maximum temperature or pressure rating.