

Model P62 • Capacitance Probe, Sanitary Service, Tubular Ground

Features

- ✓ Natural PVDF and polished 316 Stainless Steel comes in contact with process fluids
- ↔ Concentric ground reference tube provides a linear output in horizontal cylindrical tanks
- ↔ Used where agitation causes problems
- ✦ Easily cleaned manually, in-place, or by steaming
- 🛡 Basic process connection mates with tri-clamp sanitary flange
- 🏠 Suitable for pharmaceutical industry service
- ⚡ Works with conductive liquids
- 🔧 Suitable for ultralow dielectric liquids such as wax, grease, and pure oils
- 📏 Can be used to measure interface position

Description

The Delta Controls **Model P62** Capacitance Probe is intended for sanitary service. The inner portion is connected to the concentric ground reference tube using a tri-clamp sanitary flange. The inner unit is **easily removed** from the outer ground reference tube for cleaning or inspection. The ground reference tube is mounted to the process vessel by a second tube with a tri-clamp sanitary flange. The ground reference tube can be left in place while the inner portion is withdrawn. The reference portion can then be **removed** as required.

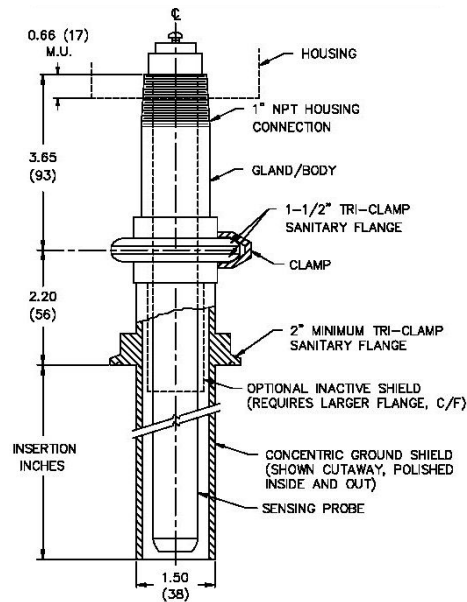
The P62's PVDF sensing rod and seal jacket is a welded part without joints, cracks, or crevices. The finished unit is flame-polished for the utmost in **smoothness** and **cleanability**. The ground reference tube is made of 316 Stainless Steel and is polished both internally and externally. The integral ground reference allows the P62 to be used in plastic tanks and in lined tanks which do not provide the necessary parallel ground reference.



Model P62

Specifications

Working Pressure:	≤ +500 psig (+34.5 bar)
Working Temperature:	-40 °F to +300 °F (-40 °C to +149 °C)
Insertion Length:	≤ 4 ft (1.2 m)
Process Connection:	2.0 in Tri-clamp min
Tri-clamp Process Connection:	2.0 in to 3.0 in
Available Wetted Materials:	316 Stainless Steel, Kynar® PVDF
Ground Sheath:	316 Stainless Steel (other materials available)



Model Numbering System

MODEL EXAMPLE	MODEL	INSERTION LENGTH	PROCESS CONNECTION	OPTIONS ¹
	P62K	**.*	2"TCY	AA
MODEL DESCRIPTION	P62K Capacitance Probe, Sanitary Service, Tubular Ground, Kynar®			
INSERTION LENGTH DESCRIPTION	**.* **.* in of insertion (4 ft max)			
PROCESS CONNECTION DESCRIPTION	Refer to 120 for M/N Tri-clamp sizes 2 in, 2.5 in, 3 in			
OPTIONS¹ DESCRIPTION	AA None PH4 Probe head housing with terminals for use with remote mounted electronics unit, 4X housing PH7 Probe head housing with terminals for use with remote mounted electronics unit, 7X housing			

Notes:

¹ A hyphen will separate multiple options selected

REQUIRED ORDERING INFORMATION:

- Detailed model number
- Tag or nameplate detail (if required)
- Documentation & testing packages (if required, refer to Additional Resources)

APPLICATION DETAILS:

- Process fluid or material name
- Process fluid or material dielectric constant
- Maximum process temperature
- Maximum process pressure