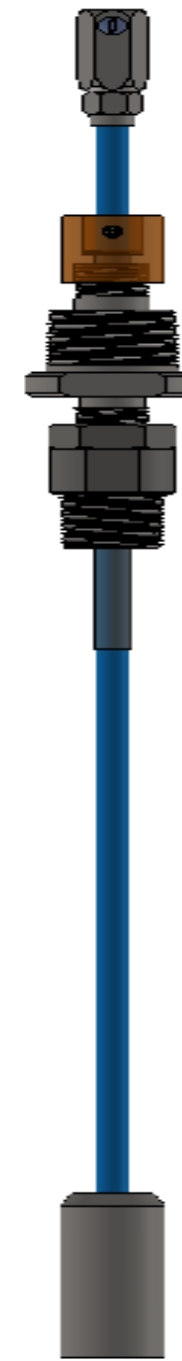
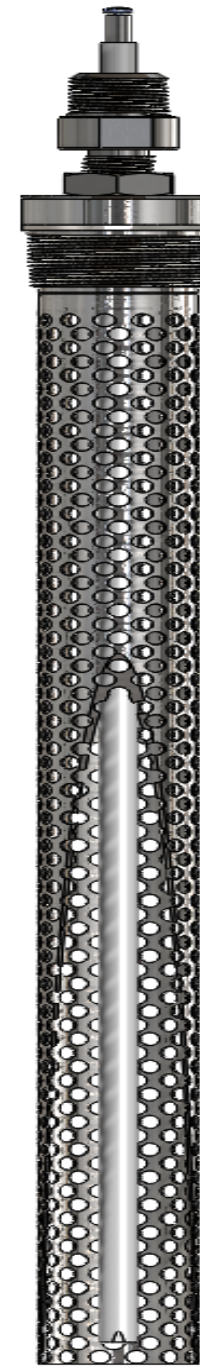
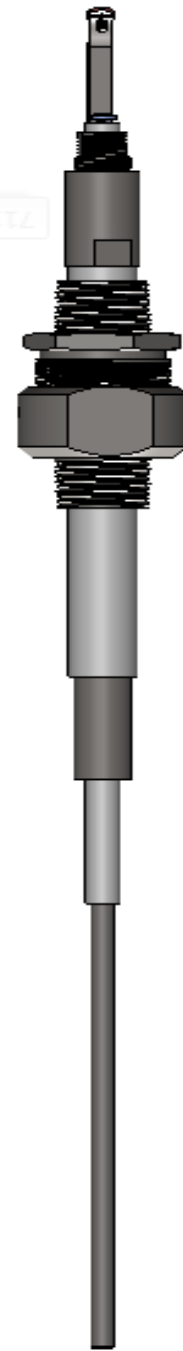
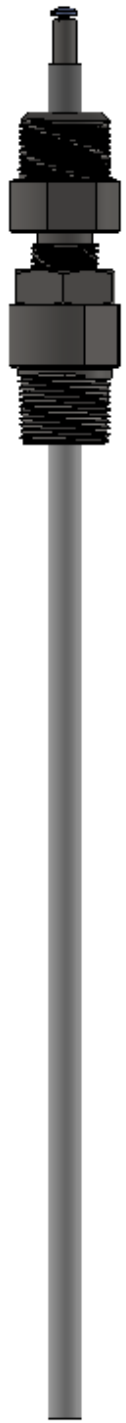


Capacitance Probe Details



700-0001-022

700-0002-027

700-0002-057

700-1202-001

700-0201-005

700-0001-026

700-0005-018

700-0005-054



Capacitance Probe Specifications

700-0001-022

3/8" OD
 1000 PSI @ 100°F
 500 PSI @ 300°F
 Minimum 3/4" NPT
 TFE Insulation
Max Insertion Length: 240" or 20'



Common Applications: Clean non-coating conductive liquids such as water, and low concentration caustics. Not recommended for conductive coating applications.

700-0002-027

0.56" OD
 1000 PSI @ 100°F
 500 PSI @ 300°F
 Minimum 3/4" NPT
 PEP Insulation
Max Insertion Length: 240" or 20'



Common Applications: Used for caustics and acids with conductive coatings. Can also be used for interface applications, liquors, and water based adhesives. Not recommended for high turbulent or abrasive applications.

700-0002-057

0.84" OD
 1000 PSI @ 100°F
 500 PSI @ 250°F
 Minimum 1" NPT
 PVDF Insulation
Max Insertion Length: 240" or 20'



Common Applications: Heavily agitated tanks, abrasive liquids, slurries with heavy coatings such as wastewater, heavy slurries, adhesives, brine solutions, and detergents. May also be used for interface and some granular applications.

700-1202-001

3/8" OD
 200 PSI @ 450°F
 Minimum 3/4" NPT
 PEEK Insulators
Max Insertion Length: 144" (12')
Cote Shield Options: 2", 3.5", 6", or 10"



Common Applications: Primarily used for point level measurement for various liquids, slurries, and granular applications including water, oil, lime slurries, polymers, wood chips, mud pits, etc. May be used for insulating continuous applications such as oil.

700-0201-005

1/4" OD
 1000 PSI @ 100°F
 200 PSI @ 450°F
 Minimum 3/4" NPT
 TFE Insulators
Max Insertion Length: 150" or 12.5"
Max Cote Shield: 80"



Common Applications: Primarily used for point level measurement for various liquids, slurries, and granular applications including water, oil, lime slurries, polymers, wood chips, mud pits, etc. May be used for insulating continuous applications such as oil. Used where TFE is preferred over PEEK, where a longer cote shield length may be needed or a higher-pressure rating may be required.

700-0001-026

1-5/8" OD
 1000 PSI @ 100°F
 500 PSI @ 300°F
 Minimum 1 1/2" NPT
 TFE Insulation
Max Insertion Length: 240" (20')



Common Applications: Clean non-coating conductive liquids such as water, oil, and low concentration caustics. Not recommended for conductive coating applications. This probe provides a perforated concentric shield to act as a ground reference for non-metallic tanks.

700-0005-018

5/16" OD
 1000 PSI @ 100°F
 500 PSI @ 250°F
 Minimum 3/4" NPT
 PVDF Insulation
Max Insertion Length: 240'



Common Applications: Flexible style probe used in heavily agitated tanks, abrasive liquids, slurries with heavy coatings such as wastewater, heavy slurries, adhesives, brine solutions, and detergents. May also be used for interface and some granular applications. Probe may be anchored to tank bottom via threaded connection or turnbuckle.

700-0005-054

0.093" OD
 500 PSI @ 300°F
 Minimum 3/4" NPT
 FEP Insulation
Max Insertion Length: 100'



Common Applications: Flexible style probe used for water, light caustics, polymers, and acids with minimum coatings. This probe is not recommended for agitated vessels and cannot be anchored to tank bottom.