

**2017**  
PRICE BOOK



# CAPACITANCE PROBE



***BINMASTER***<sup>®</sup>

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FOB Lincoln, Nebraska USA

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**PROCAP I**

- Bright LED status indicator
- Universal power supply
- Triple thread screw-off cover
- Dual conduit entries
- DPDT relay contacts
- Adjustable sensitivity to 0.5 pF
- Easy "Quick-Set" calibration
- Hazardous location approvals



**PROCAP II**

- Bright LED status indicator
- 115/230 VAC Power supply
- Triple thread screw-off cover
- Dual conduit entries
- DPDT relay contacts
- Adjustable sensitivity to 0.5 pF
- Easy "Quick-Set" calibration
- Hazardous location approvals



**PROCAP IX**

- Exp. proof Class I, Groups C & D, Class II, Groups E, F & G
- Intrinsically safe
- Universal power supply
- Triple thread screw-off cover
- Dual conduit entries
- DPDT fail-safe relay contacts
- Easy "Quick-Set" calibration



**PROCAP IIX**

- Exp. proof Class I, Groups C & D, Class II, Groups E, F & G
- Intrinsically safe
- Universal power supply
- Triple thread screw-off cover
- Dual conduit entries
- DPDT fail-safe relay contacts
- Easy "Quick-Set" calibration



**PROCAP I 3-A**

- Meets 3-A & USDA standards
- Universal power supply
- Bright LED status indicator
- Triple thread screw-off cover
- Dual conduit entries
- DPDT fail-safe relay contacts
- Easy "Quick-Set" calibration
- Hazardous location approval



**PROCAP II 3-A**

- Meets 3-A & USDA standards
- 115/230 VAC Power supply
- Bright LED status indicator
- Triple thread screw-off cover
- Dual conduit entries
- DPDT fail-safe relay contacts
- Easy "Quick-Set" calibration
- Hazardous location approval



**PRO Remote**

- Remote electronics located in separate housing, designed for high temp. and vibration
- Explosion proof & intrinsically safe
- DPDT fail-safe relay contacts
- Easy "Quick-Set" calibration
- Adjustable sensitivity to 0.5 pF



**PRO Auto-Cal**

- Automatic calibration & testing without removing cover
- Bright LED status indicator
- 115/230 VAC power supply
- DPDT fail-safe relay contacts
- Easy "Quick-Set" calibration
- Adjustable sensitivity to 0.5 pF
- Hazardous location approvals

Order Code	Description	List Price	Part Number
<b>PROCAP Standard OEM Capacitance Probes</b>			
PROCAP I - 24	PROCAP I – 24 - Standard OEM capacitance probe with universal power supply 24 to 240 VAC/VDC with LED status light, triple thread screw off cover, dual conduit entries, DPDT relay contacts, selectable fail-safe protection, FDA recognized powder coat finish, shielded bare stainless steel 10.63" probe, 3/4" SS and 1-1/4" aluminum fittings standard, hazardous location approved, C/US listed for Class II, Groups E, F, G, with dual time delay	Call for Price	730-0516
PROCAP II - 24	PROCAP II – 24 - Standard OEM capacitance probe with selectable 115/230 VAC with LED status light, triple thread screw off cover, dual conduit entries, DPDT relay contacts, selectable fail-safe protection, FDA recognized powder coat finish, shielded bare stainless steel 10.63" probe, 3/4" SS and 1-1/4" aluminum fittings standard, hazardous location approved, C/US listed for Class II, Groups E, F, G, with dual time delay	Call for Price	730-0517

<b>PROCAP Standard Sleeved Capacitance Probes</b>			
PROCAP I	PROCAP I - Standard sleeved capacitance probe with universal power supply 24 to 240 VAC/VDC with LED status light, triple thread screw-off cover, dual conduit entries, DPDT relay contacts, selectable fail-safe protection, FDA recognized powder coat finish, shielded Delrin sleeved 10.63" probe, 3/4" SS and 1-1/4" aluminum fittings standard, hazardous location approved, C/US listed for Class II, Groups E, F, G, with dual time delay	Call for Price	730-0518
PROCAP II	PROCAP II - Standard sleeved capacitance probe with selectable 115/230 VAC with LED status light, triple thread screw-off cover, dual conduit entries, DPDT relay contacts, selectable fail-safe protection, FDA recognized powder coat finish, shielded Delrin sleeved 10.63" probe, 3/4" SS and 1-1/4" aluminum fittings standard, hazardous location approved, C/US listed for Class II, Groups E, F, G, with dual time delay	Call for Price	730-0519
PROCAP IX	PROCAP IX - Standard sleeved capacitance probe with universal power supply 24 to 240 VAC/VDC with triple thread screw-off cover, dual conduit entries, DPDT relay contacts, selectable fail-safe protection, FDA recognized powder coat finish, shielded Delrin sleeved 10.63" probe, 3/4" SS and 1-1/4" aluminum fittings standard, hazardous location approved, C/US listed for Class I, Groups C & D and Class II, Groups E, F, G, with dual time delay	Call for Price	730-0520
PROCAP IIX	PROCAP IIX - Standard sleeved capacitance probe with selectable 115/230 VAC with triple thread screw-off cover, dual conduit entries, DPDT relay contacts, selectable fail-safe protection, FDA recognized powder coat finish, shielded Delrin sleeved 10.63" probe, 3/4" SS and 1-1/4" aluminum fittings standard, hazardous location approved, C/US listed for Class I, Groups C & D and Class II, Groups E, F, G, with dual time delay	Call for Price	730-0521
PRO AUTO-CAL 115	PRO AUTO-CAL 115 - Standard sleeved capacitance probe with 115 VAC with LED status light, shielded Delrin sleeved 10.63" probe with auto calibration and function test, explosion proof, NRTL/C listed for Class II E, F, & G	Call for Price	730-0292
PRO AUTO-CAL 230	PRO AUTO-CAL 230 - Standard sleeved capacitance probe with 230 VAC with LED status light, shielded Delrin sleeved 10.63" probe with auto calibration and function test, explosion proof, NRTL/C listed for Class II E, F, & G	Call for Price	730-0293
PRO AUTO-CAL 12-24	PRO AUTO-CAL LV 12-24 - Standard sleeved capacitance probe with 12-24 VAC/DC with LED status light, shielded Delrin sleeved 10.63" probe with auto calibration and function test, explosion proof, NRTL/C listed for Class II E, F, & G	Call for Price	730-0326

Order Code	Description	List Price	Part Number
<b>PROCAP Standard Remote Capacitance Probes</b>			
PRO Remote 25' 115	PRO Remote 25' 115 - Standard remote capacitance probe with 115 VAC with remote electronics up to 25' from sensor, 10.63" shielded Delrin sleeved probe, 3/4" SS and 1-1/4" aluminum fittings standard, intrinsically safe, hazardous location approved, C/US listed for Class I, Groups C & D, Class II, Groups E, F, G. (Must order triax cable separately)	Call for Price	730-0432
PRO Remote 25' 230	PRO Remote 25' 230 - Standard remote capacitance probe with 230 VAC with remote electronics up to 25' from sensor, 10.63" shielded Delrin sleeved probe, 3/4" SS and 1-1/4" aluminum fittings standard, intrinsically safe, hazardous location approved, C/US listed for Class I, Groups C & D, Class II, Groups E, F, G. (Must order triax cable separately)	Call for Price	730-0433
PRO Remote 25' LV 12-24	PRO Remote 25' LV 12-24 - Standard remote capacitance probe with 12-24 VAC/VDC with remote electronics up to 25' from sensor, 10.63" shielded Delrin sleeved probe, 3/4" SS and 1-1/4" aluminum fittings standard (Must order triax cable separately)	Call for Price	730-0302
PRO Remote 75'	PRO Remote 75' - Standard remote capacitance probe with remote electronics up to 75' from sensor, 115/230 VAC, shielded Delrin sleeved 10.63" probe, 3/4" SS and 1-1/4" aluminum fittings standard, intrinsically safe, hazardous location approved, C/US listed for Class I, Groups C & D, Class II, Groups E, F, G. (Must order triax cable separately)	Call for Price	730-0136
PRO Remote 20' HT 110	PRO Remote 20' HT 110 - Standard remote capacitance probe with 115 VAC with remote electronics up to 20' from sensor, rugged 1-1/8" diameter 9" shielded SS and ceramic high temperature probe for process temperatures up to 1000°F, 1-1/4" NPT SS fitting. High temperature cable included.	Call for Price	730-0479
PRO Remote 20' HT 220	PRO Remote 20' HT 220 - Standard remote capacitance probe with 230 VAC with remote electronics up to 20' from sensor, rugged 1-1/8" diameter 9" shielded SS and ceramic high temperature probe for process temperatures up to 1000°F, 1-1/4" NPT SS fitting. High temperature cable included.	Call for Price	730-0483
Belden 88232 Kit	Triax cable kit with prepared end (for use with PRO Remote 25), Teflon 75 Ohm, used with the PRO Remote 25 up to 500°F"	Call for Price	530-0310
Belden 8232A Kit	Triax cable kit with prepared end (for use with PRO Remote 25), polyethylene 75 Ohm, for use with PRO Remote 25 up to 250°F"	Call for Price	530-0300

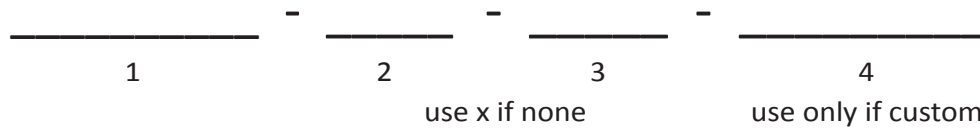
<b>PROCAP Standard 3A / USDA Capacitance Probes</b>			
PROCAP I-3A	PROCAP I-3A - Standard 3-A/USDA capacitance probe with universal power supply 24 to 240 VAC/VDC with LED status light, triple thread screw-off cover, dual conduit entries, DPDT relay contacts, selectable fail-safe protection, 3-A and USDA recognized, 11.3" probe, 1" sanitary fitting for use with tri-clover style clamp, hazardous location approved, C/US listed for Class II, Groups E, F, G, with dual time delay	Call for Price	730-0522
PROCAP II-3A	PROCAP II-3A - Standard 3-A/USDA capacitance probe with selectable 110/230 VAC with LED status light, triple thread screw-off cover, dual conduit entries, DPDT relay contacts, selectable fail-safe protection, 3-A and USDA recognized, 11.3" probe, 1" sanitary fitting for use with tri-clover style clamp, hazardous location approved, C/US listed for Class II, Groups E, F, G, with dual time delay	Call for Price	730-0523

Order Code	Description	List Price	Part Number
<b>PROCAP Standard Flush Mount Capacitance Probes</b>			
PROCAP I FL	PROCAP I FL - Standard flush mount capacitance probe with universal power supply 24 to 240 VAC/VDC with LED status light, triple thread screw-off cover, dual conduit entries, DPDT relay contacts, selectable fail-safe protection, FDA recognized powder coat finish, flush mount probe with buildup shield, hazardous location approved, C/US listed for Class II, Groups E, F, G, with dual time delay	Call for Price	730-0524
PROCAP II FL	PROCAP II FL - Standard flush mount capacitance probe with selectable 115/230 VAC with LED status light, triple thread screw-off cover, dual conduit entries, DPDT relay contacts, selectable fail-safe protection, FDA recognized powder coat finish, flush mount probe with buildup shield, hazardous location approved, C/US listed for Class II, Groups E, F, G, with dual time delay	Call for Price	730-0525
PROCAP IX FL	PROCAP IX FL - Standard flush mount capacitance probe with universal power supply 24 to 240 VAC/VDC with triple thread screw-off cover, dual conduit entries, DPDT relay contacts, selectable fail-safe protection, FDA recognized powder coat finish, flush mount probe with buildup shield, hazardous location approved, C/US listed for Class I, Groups C & D, Class II, Groups E, F, G, with dual time delay	Call for Price	730-0526
PROCAP IIX FL	PROCAP IIX FL - Standard flush mount capacitance probe with selectable 115/230 VAC with triple thread screw-off cover, dual conduit entries, DPDT relay contacts, selectable fail-safe protection, FDA recognized powder coat finish, flush mount probe with buildup shield, hazardous location approved, C/US listed for Class I, Groups C & D, Class II, Groups E, F, G, with dual time delay	Call for Price	730-0527
PRO Remote 25' FL 115	PRO Remote 25' FL 115 - Standard flush mount capacitance probe with remote electronics up to 25' from sensor, flush mount probe with buildup shield, 115 VAC, hazardous location approved, C/US listed for Class II, Groups E, F, G (Must order triax cable separately)	Call for Price	730-0311
PRO Remote 25' FL 230	PRO Remote 25' FL 230 - Standard flush mount capacitance probe with remote electronics up to 25' from sensor, flush mount probe with buildup shield, 230 VAC, hazardous location approved, C/US listed for Class II, Groups E, F, G (Must order triax cable separately)	Call for Price	730-0312
PRO Remote 25' FL LV	PRO Remote 25' FL LV - Standard flush mount capacitance probe with remote electronics up to 25' from sensor, flush mount probe with buildup shield, 12-24 VAC/VDC, hazardous location approved, C/US listed for Class II, Groups E, F, G (Must order triax cable separately)	Call for Price	730-0313
PRO Remote 75' FL	PRO Remote 75' FL - Standard flush mount capacitance probe with remote electronics up to 75' from sensor, flush mount probe with buildup shield 115/230 VAC, hazardous location approved, C/US listed for Class II, Groups E, F, G (Must order triax cable separately)	Call for Price	730-0146
BW Adapter	Steel bin wall adapter for thick bin walls and hopper bottoms	Call for Price	290-0071
BW Adapter	Bin wall adapter, 5/8" polyethylene	Call for Price	290-0069
High Temp Flush Mount	High temperature flush mount assembly for temperatures up to 450°F	Call for Price	530-0194
Belden 88232 Kit	Triax cable kit with prepared end (for use with PRO Remote 25), Teflon 75 Ohm, used with the PRO Remote 25 up to 500°F"	Call for Price	530-0310
Belden 8232A Kit	Triax cable kit with prepared end (for use with PRO Remote 25), polyethylene 75 Ohm, for use with PRO Remote 25 up to 250°F"	Call for Price	530-0300
Belden 88232 Cable	ft. Triax cable, Teflon 75 Ohm, used with PRO Remote up to 500°F.	Call for Price	398-0077
Belden 8232A Cable	ft. Triax cable, polyethylene 75 Ohm, used with PRO Remote up to 250°F.	Call for Price	398-0093

<b>CompactPro Capacitance Probes</b>			
CompactPro 115	CompactPro 115 - 115 VAC Compact capacitance probe with buildup protection	Call for Price	730-0250
CompactPro 230	CompactPro 230 - 230 VAC Compact capacitance probe with buildup protection	Call for Price	730-0257
CompactPro 24	CompactPro 24 - 24 VDC Compact capacitance probe with buildup protection	Call for Price	730-0256
1-1/4" Adapter	1-1/4" NPT Mounting adapter	Call for Price	175-0118

# Configure PROCAP I, II & Auto-Cal

Power Pac - Probe - Fitting - Length (in.)



## 1. Power Pac

- PROCAP I
- PROCAP II
- PRO AUTO-CAL 115
- PRO AUTO-CAL 230
- PRO AUTO-CAL LV 12-24

## 2. Probe

- Shielded Delrin**
- P58: 6.5"
- P1: 10.63"
- P2: 18"
- P3: 24"
- P4: 30"
- P5: 35"
- P6: 48"
- P7: Custom Length
- Extended Shield Delrin**
- P12: 15"
- P13: 18"
- P14: 24"
- P15: 30"
- P16: 36"
- P17: 48"
- P18: Custom Length
- Shielded Teflon**
- P70: 6.5"
- P8: 10.63"
- P9: Custom Length

- Extended Shield Teflon**
- P63: Custom Length

- Unshielded Delrin**
- P20: 4"
- P72: 6"
- P19: 10.63"
- P21: 18"
- P22: 24"
- P23: 30"
- P24: 36"
- P25: 48"
- P26: Custom Length

- Unshielded Teflon**
- P37: 10.63"
- P38: Custom Length

- Shielded Bare SS**
- P83: 7"
- P84: 11"
- P85: 18"
- P64: 24"
- P74: Custom Length

- Unshielded Bare SS**
- P71: 3"
- P28: 4"
- P62: 6"
- P27: 10.63"
- P29: 18"
- P30: 24"
- P57: 30"
- P56: 36"
- P31: 48"
- P32: 72"
- P33: 96"
- P34: Custom Length

## 3. Fitting

- FA
- FB
- FC
- FD
- FE
- FF
- FI
- FJ
- FM
- FN

## Hanging Flexible Cable

- P65: Bare Shielded Custom Length
- P76: Bare Unshielded Custom Length
- P86: Bare Sleeved Custom Length
- P10: Teflon Sleeved Custom Length
- P11: Teflon Sleeved Potted Custom Length

## Bendable

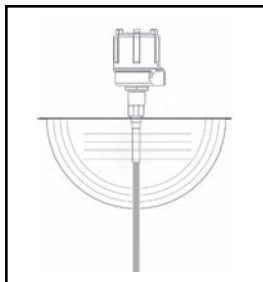
- P89: 13.75" Unshielded Teflon
- P90: Unshielded Teflon Custom Length
- P91: Unshielded Bare Custom Length

## Heavy Duty

- HD: 1" Solid 316 SS

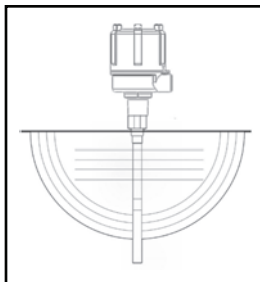
## Miscellaneous

- P39: 10.19" Bare SS Teflon HT
- P40: Bare SS Teflon HT Custom Length
- P69: Flush Mount
- P88: 13.75" Unshielded Bare SS 90°
- P81: HT Flush Mount



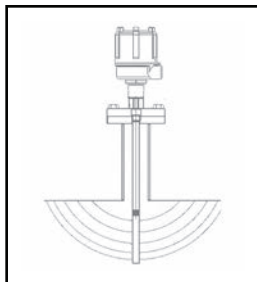
**Shielded Bare SS  
OEM Probe**

The bare stainless steel probe is our most versatile all-purpose probe whose length can be modified in the field. It works reliably in bulk solids, slurries, and liquids. It has a rugged 5/8" diameter stainless steel probe featuring "PRO-Shield" protecting against false readings because of buildup or coating.



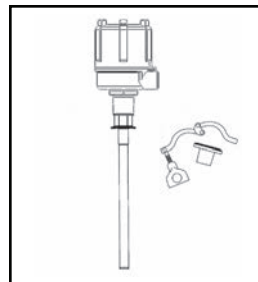
**Shielded Delrin or  
Teflon Shielded  
Probe**

The Delrin/Teflon sleeved probe is a versatile all-purpose fully insulated probe. It works reliably in bulk solids, slurries, and liquids. It has a rugged 5/8" diameter stainless steel probe featuring "PRO-Shield" protecting against false readings because of buildup or coating. Available in lengths from 6.5" to 96".



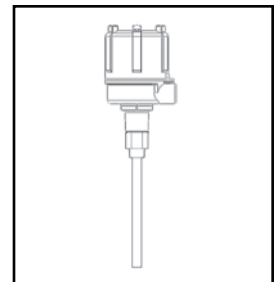
**Extended Shield  
Delrin or Teflon  
Sleeved Probe**

Designed with a 10" extended PRO-Shield, used when mounting the probe through a nozzle of standpipe. It works reliably in bulk solids, slurries, and liquids. It has a rugged 5/8" diameter stainless steel probe featuring "PRO-Shield" protecting against false readings because of buildup or coating. Available in lengths from 15" to 48".



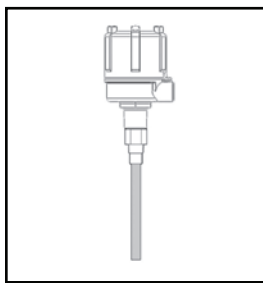
**Shielded Delrin  
Sleeved Sanitary  
3-A Probe**

Sanitary probe meets 3-A and USDA standards, conforming to the food industry's most demanding requirements for material, surfaces, and clean-in-place construction. This probe is designed for quick disconnect from tank to facilitate ease of inspection and cleaning.



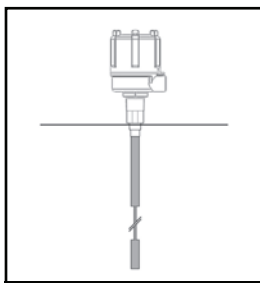
**Unshielded Delrin  
or Teflon Sleeved  
Probe**

The unshielded full insulated Delrin/Teflon sleeved probe is designed to be a lower cost, yet versatile probe. This probe works reliably in bulk solids, powders, slurries, and liquids. Used in applications that require top-mounting or can be side-mounted in free flowing materials.



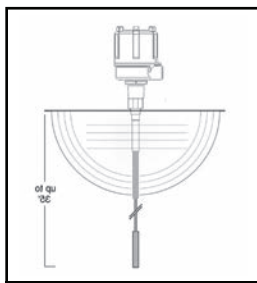
**Shielded Bare  
SS Probe**

This is an unshielded probe whose length can be modified in the field. It can be cut back to 3" or extended to 8'. The probe will work reliably in a variety of powders and dry solid materials. Used in applications that require top-mounting or can be side-mounted in free flowing materials.



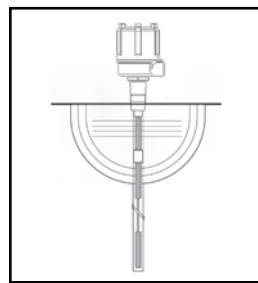
**Unshielded Custom  
Length Bare SS  
Hanging Flexible Cable**

The flexible cable extension was designed for high, mid or low level detection when it is necessary to top mount. This probe is also very effective in aggregate, coal, or other lump materials that might damage a rigid probe. Maximum length of the cable is 35'. Cable can be cut to length in the field.



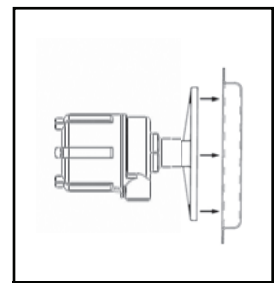
**Shielded Custom Length  
Bare SS Hanging  
Flexible Cable Probe**

This probe was designed for high, mid, or low level applications when it is necessary to top mount. This probe features Pro-Shield protection against false readings due to buildup and will also allow you to mount the probe in a stand-off pipe or nozzle. Maximum cable length is 35'.



**Shielded Custom Length  
Teflon Sleeved Hanging  
Flexible Cable Extension**

The Teflon sleeved flexible cable was designed for high, mid or low level applications when it is necessary to top mount. The Teflon coated extension is also used in material not compatible with stainless steel, or in situations where high humidity or other internal tank conditions may short-out a bare probe.



**Shielded Flush  
Mounted Probe with  
Bin Wall Adapter**

No probe intrusion designed for space constrained areas or applications where material flow or bridging may damage standard probes. The probe mounts flush on a vessel wall, conveyor housing or chute. An optional bin wall adapter is available when working with thick walls or angled hoppers.

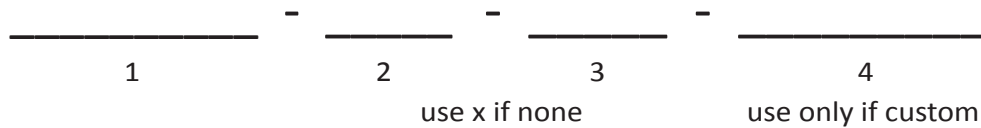
Order Code	Description	List Price	Part Number
<b>Custom PROCAP I, PROCAP II, &amp; PRO AUTOCAL</b>			
PROCAP I	PROCAP I power pac with universal power supply 24 to 240 VAC/VDC with LED status light, triple thread screw-off cover, dual conduit entries, DPDT relay contacts, selectable fail-safe protection, and FDA recognized powder coat finish, hazardous location approved, C/US listed for Class II, Groups E, F, G	Call for Price	730-5054
PROCAP II	PROCAP II power pac with selectable 115/230 VAC with LED status light, triple thread screw-off cover, dual conduit entries, DPDT relay contacts, selectable fail-safe protection, and FDA recognized powder coat finish, hazardous location approved, C/ US listed for Class II, Groups E, F, G	Call for Price	730-5053
PRO AUTO-CAL 115	PRO AUTOCAL 115 power pac with 115 VAC, PRO-Shield protection with continuous LED status light, auto calibration and function test, hazardous location approved, C/US listed for Class II, Groups E, F, G	Call for Price	730-5021
PRO AUTO-CAL 230	PRO AUTOCAL 230 power pac with 230 VAC, PRO-Shield protection with continuous LED status light, auto calibration and function test, hazardous location approved, C/US listed for Class II, Groups E, F, G	Call for Price	730-5022
PRO AUTO-CAL LV 12-24	PRO AUTOCAL LV 12-24 power pac with 12-24 VAC/DC, PRO-Shield protection with continuous LED status light, auto calibration and function test	Call for Price	730-5028
<b>Shielded, Delrin Sleeved Probes</b>			
P58	6.5" Shielded, Delrin sleeved probe	Call for Price	530-0277
P1	10.63" Shielded, Delrin sleeved probe	Call for Price	530-0197
P2	18" Shielded, Delrin sleeved probe	Call for Price	530-0243
P3	24" Shielded, Delrin sleeved probe	Call for Price	530-0244
P4	30" Shielded, Delrin sleeved probe	Call for Price	530-0245
P5	36" Shielded, Delrin sleeved probe	Call for Price	530-0246
P6	48" Shielded, Delrin sleeved probe	Call for Price	530-0247
P7	Custom length, shielded, Delrin sleeved probe (maximum length 60"). Sold per inch for lengths over 10 inches.	Call for Price	530-0210
<b>Extended Shield, Delrin Sleeved Probes</b>			
P12	15" Extended shield, Delrin sleeved probe	Call for Price	530-0259
P13	18" Extended shield, Delrin sleeved probe	Call for Price	530-0254
P14	24" Extended shield, Delrin sleeved probe	Call for Price	530-0255
P15	30" Extended shield, Delrin sleeved probe	Call for Price	530-0256
P16	36" Extended shield, Delrin sleeved probe	Call for Price	530-0257
P17	48" Extended shield, Delrin sleeved probe	Call for Price	530-0258
P18	Custom length, extended shield, Delrin sleeved probe (maximum length 48"). Sold per inch.	Call for Price	530-0264
<b>Shielded, Teflon Sleeved Probes</b>			
P70	6.5" Shielded, Teflon sleeved probe	Call for Price	530-0295
P8	10.63" Shielded, Teflon sleeved probe	Call for Price	530-0214
p9	Custom length, shielded, Teflon sleeved probe (maximum length 96"). Sold per inch for lengths over 10 inches.	Call for Price	530-0211
<b>Extended Shield, Teflon Sleeved Probes</b>			
P63	Custom length, extended shield, Teflon sleeved probe (maximum length 96"). Sold per inch.	Call for Price	530-0276
<b>Unshielded, Delrin Sleeved Probes</b>			
P20	4" Unshielded, Delrin sleeved probe	Call for Price	530-0260
P72	6" Unshielded, Delrin sleeved probe	Call for Price	530-0221
P19	10.63" Unshielded, Delrin sleeved probe	Call for Price	530-0196
P21	18" Unshielded, Delrin sleeved probe	Call for Price	530-0238
P22	24" Unshielded, Delrin sleeved probe	Call for Price	530-0239
P23	30" Unshielded, Delrin sleeved probe	Call for Price	530-0240
P24	36" Unshielded, Delrin sleeved probe	Call for Price	530-0241
P25	48" Unshielded, Delrin sleeved probe	Call for Price	530-0242
P26	Custom length, unshielded, Delrin sleeved probe (maximum length 60"). Sold per inch for lengths over 10 inches.	Call for Price	530-0213
<b>Heavy Duty Probes</b>			
HD	HD Heavy Duty Capacitance Probe - This rugged probe comes in a standard 8" length and features a PRO-Shield to guard against false readings from material buildup on the probe, with 1-1/4" SS process connection.	Call for Price	530-0834



Order Code	Description	List Price	Part Number
<b>Unshielded, Teflon Sleeved Probes</b>			
P37	10.63" Unshielded, Teflon sleeved probe	Call for Price	530-0215
P38	Custom length, unshielded, Teflon sleeved probe (maximum length 96"). Sold per inch for lengths over 10 inches.	Call for Price	530-0212
<b>Shielded, Bare Stainless Steel Probes Probes</b>			
P83	7" Shielded, bare stainless steel probe	Call for Price	530-0529
P84	11" Shielded, bare stainless steel probe	Call for Price	530-0530
P85	18" Shielded, bare stainless steel probe	Call for Price	530-0531
P64	24" Shielded, bare stainless steel probe	Call for Price	530-0501
P74	Custom length, shielded, bare stainless steel probe (maximum length 96"). Sold per inch for lengths over 10 inches.	Call for Price	530-0526
<b>Unshielded, Bare Stainless Steel Probes Probes</b>			
P71	3" Unshielded, bare stainless steel probe	Call for Price	530-0199
P28	4" Unshielded, bare stainless steel probe	Call for Price	530-0267
P62	6" Unshielded, bare stainless steel probe	Call for Price	530-0202
P27	10.63" Unshielded, bare stainless steel probe	Call for Price	530-0198
P29	18" Unshielded, bare stainless steel probe	Call for Price	530-0268
P30	24" Unshielded, bare stainless steel probe	Call for Price	530-0234
P57	30" Unshielded, bare stainless steel probe	Call for Price	530-0265
P56	36" Unshielded, bare stainless steel probe	Call for Price	530-0266
P31	48" Unshielded, bare stainless steel probe	Call for Price	530-0235
P32	72" Unshielded, bare stainless steel probe	Call for Price	530-0236
P33	96" Unshielded, bare stainless steel probe	Call for Price	530-0237
P34	Custom length, unshielded, bare stainless steel probe (maximum length 96"). Sold per inch.	Call for Price	530-0200
<b>Hanging Flexible Cable Probes</b>			
P65	Bare stainless steel, shielded, hanging flexible cable extension. Sold per foot.	Call for Price	530-0535
P76	Bare stainless steel, unshielded, hanging flexible cable extension with Teflon insert for high temperatures. Sold per foot.	Call for Price	530-0325
P86	Probe assembly, bare stainless steel, sleeved extended shield, hanging flexible cable probe. Sold per foot.	Call for Price	530-0524
P10	Teflon sleeved, shielded, hanging flexible stainless steel cable extension. Sold per foot.	Call for Price	530-0231
P11	Teflon sleeved, shielded, hanging flexible stainless steel cable extension, potted. Sold per foot.	Call for Price	530-0232
<b>Unshielded, Bendable Teflon Coated &amp; Bare Probes</b>			
P89	13.75" Unshielded, Teflon coated bendable probe, includes 3/4" NPT fitting	Call for Price	530-0544
P90	Custom length, unshielded, Teflon coated bendable probe, includes 3/4" NPT fitting (maximum length 13.75")	Call for Price	530-0571
P91	Custom length, unshielded, bare bendable probe, includes 3/4" NPT fitting (maximum length 54"). Sold per inch for lengths over 13.75 inches.	Call for Price	530-0564
<b>Miscellaneous Probes</b>			
P39	10.19" Bare stainless steel probe (Teflon, high temperature)	Call for Price	530-0227
P40	Custom length, bare stainless steel probe with Teflon insert for high temperature (maximum length 96"). Sold per inch.	Call for Price	530-0228
P69	Flush mounted probe with buildup shield	Call for Price	530-0082
P88	13.75" Unshielded, bare 5/8" diameter stainless steel probe with 90 degree bend	Call for Price	530-0546
P81	High temperature flush mount assembly for temperatures up to 450°F	Call for Price	530-0194
<b>Fitting Options</b>			
FA	3/4" NPT Stainless steel fitting for bare and Delrin sleeved probes	Call for Price	175-0083
FB	1-1/4" NPT Stainless steel fitting for bare and Delrin sleeved probes	Call for Price	175-0082
FC	1" Food grade stainless steel fitting for 5/8" bare and Delrin sleeved probes, and for use with tri-clover style clamp (not 3-A)	Call for Price	175-0093
FD	3/4" NPT Stainless steel fitting for Teflon sleeved probe	Call for Price	175-0097
FE	1" Food grade stainless steel fitting for 5/8" Teflon sleeved probe, and for use with tri-clover style clamp (not 3-A)	Call for Price	175-0098
FF	1-1/4" NPT Stainless steel fitting for Teflon sleeved probe	Call for Price	175-0099
FI	3/4" NPT Stainless steel 3-5/8" extended lag fitting for bare and Delrin sleeved probes	Call for Price	416-0431
FJ	3/4" NPT Stainless steel 3-5/8" extended lag fitting for Teflon sleeved probe	Call for Price	416-0432
FM	1-1/2" NPT Stainless steel fitting for bare and Delrin sleeved probes	Call for Price	175-0227
FN	2" NPT Stainless steel fitting for bare and Delrin sleeved probes	Call for Price	175-0237

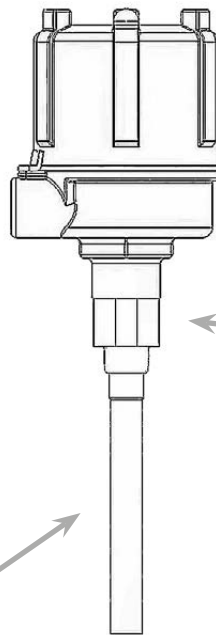
## Configure PROCAP IX, IIX & PRO Remote

Power Pac - Probe - Fitting - Length (in.)



### 1. Power Pac

- PROCAP IX
- PROCAP IIX
- PRO REMOTE 25' 115
- PRO REMOTE 25' 230
- PRO REMOTE 25' LV 12-24
- PRO REMOTE 75'



### 3. Fitting

- FA
- FB
- FC
- FD
- FE
- FF
- FI
- FJ
- FM
- FN

### 2. Probe

#### Shielded Delrin

- P58: 6.5"
- P1: 10.63"
- P2: 18"
- P3: 24"
- P4: 30"
- P5: 35"
- P6: 48"
- P7: Custom Length

#### Extended Shield Delrin

- P12: 15"
- P13: 18"
- P14: 24"
- P15: 30"
- P16: 36"
- P17: 48"
- P18: Custom Length

#### Shielded Teflon

- P70: 6.5"
- P8: 10.63"
- P9: Custom Length

#### Extended Shield Teflon

- P63: Custom Length

#### Unshielded Delrin

- P20: 4"
- P72: 6"
- P19: 10.63"
- P21: 18"
- P22: 24"
- P23: 30"
- P24: 36"
- P25: 48"
- P26: Custom Length

#### Unshielded Teflon

- P37: 10.63"
- P38: Custom Length

#### Shielded Bare SS

- P83: 7"
- P84: 11"
- P85: 18"
- P64: 24"
- P74: Custom Length

#### Hanging Flexible Cable

- P10: Teflon Sleeved Custom Length
- P11: Teflon Sleeved Potted Custom Length

#### Bendable

- P89: 13.75" Unshielded Teflon
- P90: Unshielded Teflon Custom Length
- P91: Unshielded Bare Custom Length

#### Miscellaneous

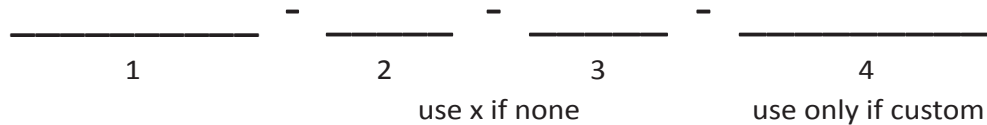
- P69: Flush Mount
- P81: HT Flush Mount

Order Code	Description	List Price	Part Number
<b>Custom PROCAP IX, PROCAP IIX, &amp; PRO Remote</b>			
PROCAP IX	PROCAP IX power pac with universal power supply 24 to 240 VAC/VDC with triple thread screw-off cover, dual conduit entries, DPDT relay contacts, selectable fail-safe protection, FDA recognized powder coat finish, hazardous location approved, C/US listed for Class I, Groups C & D and Class II, Groups E, F, G	Call for Price	730-5086
PROCAP IIX	PROCAP IIX power pac with selectable 115/230 VAC with triple thread screw-off cover, dual conduit entries, DPDT relay contacts, selectable fail-safe protection, FDA recognized powder coat finish, hazardous location approved, C/US listed for Class I, Groups C & D and Class II, Groups E, F, G	Call for Price	730-5069
PRO Remote 25' 115	PRO Remote 25' 115 power pac with remote electronics up to 25' from sensor, 115 VAC, intrinsically safe, hazardous location approved, C/US listed for Class I, Groups C & D, Class II, Groups E, F, G (Must order triax cable separately)	Call for Price	730-5029
PRO Remote 25' 230	PRO Remote 25' 230 power pac with remote electronics up to 25' from sensor, 230 VAC, intrinsically safe, hazardous location approved, C/US listed for Class I, Groups C & D, Class II, Groups E, F, G (Must order triax cable separately)	Call for Price	730-5030
PRO Remote 25' LV 12-24	PRO Remote 25' LV 12-24 power pac with remote electronics up to 25' from sensor, 12-24 VAC/DC (Must order triax cable separately)	Call for Price	730-5027
PRO Remote 75'	PRO Remote 75' power pac with PRO-Shield protection, remote electronics up to 75' from sensor, 115/230 VAC, intrinsically safe, hazardous location approved, C/US listed for Class I, Groups C & D, Class II, Groups E, F, G (Must order triax cable separately)	Call for Price	730-5009
<b>PRO Remote Cable</b>			
Belden 88232 Kit	Triax cable kit with prepared end (for use with PRO Remote 25), Teflon 75 Ohm, used with the PRO Remote 25 up to 500°F"	Call for Price	530-0310
Belden 8232A Kit	Triax cable kit with prepared end (for use with PRO Remote 25), polyethylene 75 Ohm, for use with PRO Remote 25 up to 250°F"	Call for Price	530-0300
Belden 88232 Cable	ft. Triax cable, Teflon 75 Ohm, used with PRO Remote up to 500°F.	Call for Price	398-0077
Belden 8232A Cable	ft. Triax cable, polyethylene 75 Ohm, used with PRO Remote up to 250°F.	Call for Price	398-0093
<b>Shielded, Delrin Sleeved Probes</b>			
P58	6.5" Shielded, Delrin sleeved probe	Call for Price	530-0277
P1	10.63" Shielded, Delrin sleeved probe	Call for Price	530-0197
P2	18" Shielded, Delrin sleeved probe	Call for Price	530-0243
P3	24" Shielded, Delrin sleeved probe	Call for Price	530-0244
P4	30" Shielded, Delrin sleeved probe	Call for Price	530-0245
P5	36" Shielded, Delrin sleeved probe	Call for Price	530-0246
P6	48" Shielded, Delrin sleeved probe	Call for Price	530-0247
P7	Custom length, shielded, Delrin sleeved probe (maximum length 60"). Sold per inch for lengths over 10 inches.	Call for Price	530-0210
<b>Extended Shield, Delrin Sleeved Probes</b>			
P12	15" Extended shield, Delrin sleeved probe	Call for Price	530-0259
P13	18" Extended shield, Delrin sleeved probe	Call for Price	530-0254
P14	24" Extended shield, Delrin sleeved probe	Call for Price	530-0255
P15	30" Extended shield, Delrin sleeved probe	Call for Price	530-0256
P16	36" Extended shield, Delrin sleeved probe	Call for Price	530-0257
P17	48" Extended shield, Delrin sleeved probe	Call for Price	530-0258
P18	Custom length, extended shield, Delrin sleeved probe (maximum length 48"). Sold per inch.	Call for Price	530-0264
<b>Shielded, Teflon Sleeved Probes</b>			
P70	6.5" Shielded, Teflon sleeved probe	Call for Price	530-0295
P8	10.63" Shielded, Teflon sleeved probe	Call for Price	530-0214
P9	Custom length, shielded, Teflon sleeved probe (maximum length 96"). Sold per inch for lengths over 10 inches.	Call for Price	530-0211
<b>Extended Shield, Teflon Sleeved Probes</b>			
P63	Custom length, extended shield, Teflon sleeved probe (maximum length 96"). Sold per inch.	Call for Price	530-0276

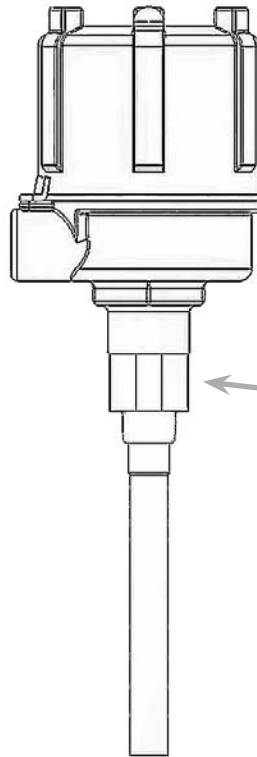
Order Code	Description	List Price	Part Number
<b>Unshielded, Delrin Sleeved Probes</b>			
P20	4" Unshielded, Delrin sleeved probe	Call for Price	530-0260
P72	6" Unshielded, Delrin sleeved probe	Call for Price	530-0221
P19	10.63" Unshielded, Delrin sleeved probe	Call for Price	530-0196
P21	18" Unshielded, Delrin sleeved probe	Call for Price	530-0238
P22	24" Unshielded, Delrin sleeved probe	Call for Price	530-0239
P23	30" Unshielded, Delrin sleeved probe	Call for Price	530-0240
P24	36" Unshielded, Delrin sleeved probe	Call for Price	530-0241
P25	48" Unshielded, Delrin sleeved probe	Call for Price	530-0242
P26	Custom length, unshielded, Delrin sleeved probe (maximum length 60"). Sold per inch for lengths over 10 inches.	Call for Price	530-0213
<b>Unshielded, Teflon Sleeved Probes</b>			
P37	10.63" Unshielded, Teflon sleeved probe	Call for Price	530-0215
P38	Custom length, unshielded, Teflon sleeved probe (maximum length 96"). Sold per inch for lengths over 10 inches.	Call for Price	530-0212
<b>Shielded, Bare Stainless Steel Probes</b>			
P83	7" Shielded, bare stainless steel probe	Call for Price	530-0529
P84	11" Shielded, bare stainless steel probe	Call for Price	530-0530
P85	18" Shielded, bare stainless steel probe	Call for Price	530-0531
P64	24" Shielded, bare stainless steel probe	Call for Price	530-0501
P74	Custom length, shielded, bare stainless steel probe (maximum length 96"). Sold per inch for lengths over 10 inches.	Call for Price	530-0526
<b>Hanging Flexible Cable Probes</b>			
P10	Teflon sleeved, shielded, hanging flexible stainless steel cable extension. Sold per foot.	Call for Price	530-0231
P11	Teflon sleeved, shielded, hanging flexible stainless steel cable extension, potted. Sold per foot.	Call for Price	530-0232
<b>Unshielded, Bendable Teflon Coated &amp; Bare Probes</b>			
P89	13.75" Unshielded, Teflon coated bendable probe, includes 3/4" NPT fitting	Call for Price	530-0544
P90	Custom length, unshielded, Teflon coated bendable probe, includes 3/4" NPT fitting (maximum length 13.75")	Call for Price	530-0571
P91	Custom length, unshielded, bare bendable probe, includes 3/4" NPT fitting (maximum length 54"). Sold per inch for lengths over 13.75 inches.	Call for Price	530-0564
<b>Miscellaneous Probes</b>			
P69	Flush mounted probe with buildup shield	Call for Price	530-0082
P81	High temperature flush mount assembly for temperatures up to 450°F	Call for Price	530-0194
<b>Fitting Options</b>			
FA	3/4" NPT Stainless steel fitting for bare and Delrin sleeved probes	Call for Price	175-0083
FB	1-1/4" NPT Stainless steel fitting for bare and Delrin sleeved probes	Call for Price	175-0082
FC	1" Food grade stainless steel fitting for 5/8" bare and Delrin sleeved probes, and for use with tri-clover style clamp (not 3-A)	Call for Price	175-0093
FD	3/4" NPT Stainless steel fitting for Teflon sleeved probe	Call for Price	175-0097
FE	1" Food grade stainless steel fitting for 5/8" Teflon sleeved probe, and for use with tri-clover style clamp (not 3-A)	Call for Price	175-0098
FF	1-1/4" NPT Stainless steel fitting for Teflon sleeved probe	Call for Price	175-0099
FI	3/4" NPT Stainless steel 3-5/8" extended lag fitting for bare and Delrin sleeved probes	Call for Price	416-0431
FJ	3/4" NPT Stainless steel 3-5/8" extended lag fitting for Teflon sleeved probe	Call for Price	416-0432
FM	1-1/2" NPT Stainless steel fitting for bare and Delrin sleeved probes	Call for Price	175-0227
FN	2" NPT Stainless steel fitting for bare and Delrin sleeved probes	Call for Price	175-0237

# Configure PROCAP 3-A Sanitary

Power Pac - Probe - Fitting - Length (in.)



**1. Power Pac**  
PROCAP II 3-A



**3. Fitting**  
FG  
FK  
FH

**2. Probe**  
**Shielded Delrin 3-A**  
P67: 6.5"  
P43: 11"  
P44: 18"  
P45: 24"  
P46: 30"  
P47: 36"  
P48: 48"  
P49: Custom Length

**Extended Shield Delrin 3-A**  
P50: 15"  
P51: 18"  
P52: 24"  
P53: 30"  
P54: 36"  
P55: 48"

**Unshielded Delrin 3-A**  
P68: 4"  
P41: 11"  
P42: Custom Length

Order Code	Description	List Price	Part Number
<b>Custom PROCAP 3A Sanitary</b>			
PROCAP I-3A	PROCAP I-3A power pac with universal power supply 24 to 240 VAC/VDC with LED status light, triple thread screw-off cover, dual conduit entries, DPDT relay contacts, selectable fail-safe protection, 3-A and USDA recognized, hazardous location approved, C/US listed for Class II, Groups E, F, G	Call for Price	730-5055
PROCAP II-3A	PROCAP II-3A power pac with selectable 115/230 VAC with LED status light, triple thread screw-off cover, dual conduit entries, DPDT relay contacts, selectable fail-safe protection, 3-A and USDA recognized, hazardous location approved, C/US listed for Class II, Groups E, F, G	Call for Price	730-5056
<b>Shielded, Delrin Sleeved 3A - USDA Probes</b>			
P67	6.5" Shielded, Delrin sleeved, 3-A probe	Call for Price	530-0287
P43	11" Shielded, Delrin sleeved, 3-A probe	Call for Price	530-0225
P44	18" Shielded, Delrin sleeved, 3-A probe	Call for Price	530-0248
P45	24" Shielded, Delrin sleeved, 3-A probe	Call for Price	530-0249
P46	30" Shielded, Delrin sleeved, 3-A probe	Call for Price	530-0250
P47	36" Shielded, Delrin sleeved, 3-A probe	Call for Price	530-0251
P48	48" Shielded, Delrin sleeved, 3-A probe	Call for Price	530-0252
P49	Custom length, shielded, Delrin sleeved, 3-A probe (maximum length 60"). Sold per inch for lengths over 10 inches.	Call for Price	530-0233
<b>Extended Shield, Delrin Sleeved 3A / USDA Probes</b>			
P50	15" Extended shield, Delrin sleeved, 3-A probe	Call for Price	530-0269
P51	18" Extended shield, Delrin sleeved, 3-A probe	Call for Price	530-0270
P52	24" Extended shield, Delrin sleeved, 3-A probe	Call for Price	530-0271
P53	30" Extended shield, Delrin sleeved, 3-A probe	Call for Price	530-0272
P54	36" Extended shield, Delrin sleeved, 3-A probe	Call for Price	530-0273
P55	48" Extended shield, Delrin sleeved, 3-A probe	Call for Price	530-0274
<b>Unshielded, Delrin Sleeved 3A / USDA Probes</b>			
P68	4" Unshielded, Delrin sleeved, stubby 3-A probe	Call for Price	530-0288
P41	11" Unshielded, Delrin sleeved 3-A probe	Call for Price	530-0296
P42	Custom length, unshielded Delrin sleeved 3-A probe (maximum length 60"). Sold per inch for lengths over 10 inches.	Call for Price	530-0229
<b>Fitting Options</b>			
FG	1" Sanitary stainless steel fitting for use with 3-A tri-clover style clamp	Call for Price	175-0107
FK	2" Sanitary stainless steel fitting for use with 3-A tri-clover clamps	Call for Price	175-0223
FH	2-1/2" Sanitary stainless steel fitting for use with 3-A tri-clover style clamp	Call for Price	175-0109
<b>3-A Probe Mounting Accessories</b>			
	Tri-clover style, quick disconnect clamp for 1" sanitary fitting	Call for Price	215-0146
	1" Stainless steel welding ferrule flange	Call for Price	175-0110
	Gasket for clamp connection	Call for Price	280-0054

Order Code	Description	List Price	Part Number
<b>Capacitance Probe Mounting Flanges</b>			
	1" Carbon steel 150 # raised face mounting flange, 3/4" NPT	Call for Price	299-0530
	2" Carbon steel 150 # raised face mounting flange, 3/4" NPT	Call for Price	299-0531
	3" Carbon steel 150 # raised face mounting flange, 3/4" NPT	Call for Price	299-0532
	4" Carbon steel 150 # raised face mounting flange, 3/4" NPT	Call for Price	299-0533
	1" Stainless steel 150 # raised face mounting flange, 3/4" NPT	Call for Price	299-0534
	2" Stainless steel 150 # raised face mounting flange, 3/4" NPT	Call for Price	299-0535
	3" Stainless steel 150 # raised face mounting flange, 3/4" NPT	Call for Price	299-0536
	4" Stainless steel 150 # raised face mounting flange, 3/4" NPT	Call for Price	299-0537
	4" Stainless steel 150 # raised face mounting flange, 1-1/4" NPT	Call for Price	299-0853

<b>Capacitance Probe Lags &amp; Heat Shields</b>			
	Lagged probe fitting - galvanized connector / stainless steel coupling, lag available from 6" to 24"	Call for Price	416-0208
	Lagged probe fitting - stainless steel connector / stainless steel coupling, lag available from 6" to 24"	Call for Price	416-0207
	Lagged in / out probe fitting - galvanized connector / stainless steel coupling, lag in from 6" to 12", lag out from 6" to 12"	Call for Price	416-0406
	9" Diameter aluminum heat shield	Call for Price	416-0220