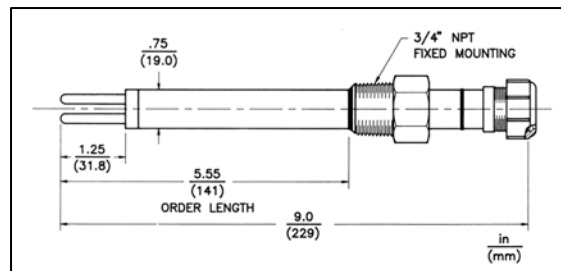


Model 7212/7222 CORRATER[®] Probe

TWO-ELECTRODE



Specifications:

- **Mounting - 3/4" NPT Fixed**
- **Temp. Rating — +300° F/ +150° C**
- **Pressure Rating — 1500 PSI/10.3 MPa (Model 7212)**
- **4000 PSI/27.6 MPa (Model 7222)**
- **Electrode Seal Material — Glass Reinforced Epoxy/Viton (Model 7212)
Glass/Viton (Model 7222)**
- **Fill Material - Epoxy**
- **Body Material - Stainless Steel**

This probe employs two identical electrodes which are mounted at the end of the probe by threaded, insulated studs. The glass reinforced epoxy electrode header used on the Model 7212 provides insulation and is preferred at high pH ranges over the glass sealed Model 7222. Two electrode probes are suitable for the majority of problems where LPR techniques are applicable. When monitored by "Solution Resistance Compensating" instruments such as the CORRDATA[®] RDC, AquaCorr[™], AquaMate[™], Model

9030 or 9134 CORRATER[®], they may be used in low conductivity solutions (see Fig. 1 of the CORRATER[®] Probe Selection Guide). CORRATER[®] Probes are used by major companies worldwide to measure corrosion in waterfloods, cooling water loops and other aqueous systems and to provide data to control inhibitor addition for optimum economy and corrosion protection. These probes may not be removed under system pressure.

Element Availability:

UNS Number	Alloy Code	Alloy	UNS Number	Alloy Code	Alloy
K03005	-----	Pipe Grade Carbon Steel	C11000	8061	Copper 110 ETP
S30400	8013	304 S.S.	C70610	8062	Cu/Ni 90/10
S30403	8014	304L S.S.	A91100	8080	Aluminum 1100
S31600	8020	316 S.S.	R50400	8093	Titanium GR2
S31603	8021	316L S.S.	C44300	8073	Ars. Ad. Brass CDA #443
N08020	8043	Carpenter 20 Cb3	A92024	8085	Aluminum 2024
N04400	8054	Monel 400	060942		D.G.M. (Galvanic)
C71500	8060	Cu/Ni 70/30			

Electrodes are also available as individual sets with part number 060814-XXXXXX, where XXXXXX is the UNS alloy number.

Table 1

All elements are furnished "as machined" unless otherwise specified. Exceptions are Mild Steel which are vacuum annealed.

Ordering Information:

Model	Fixed NPT Adjustable Mounting CORRATER [®] Probe Assembly	
7212	Complete probe assembly without electrodes	
7222	Complete probe assembly without electrodes	
	Code	Order Length
	0	Standard Length 5.55 inches/140.9 mm
		Code Electrode Alloy: See Table 1
	XXXXXX	Enter UNS Number: Enter 0 if not required
7212	— 0 —	K03005 ← Example
7222	— 0 —	K03005 ← Example

Note: Electrodes are packaged separately to avoid damage to the surface.

Unit Weight: Probe Assembly: 3 lbs/1.36 kg



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