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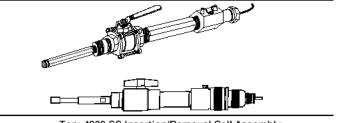
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4908 Replacement Conductivity Cells

(See MSG 51-52-16-15 for 4909 Ball Valve Mountings)

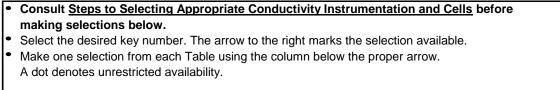
Model Selection Guide

- Allows insertion or removal of cell without interuption to process
- Available in 316 stainless steel or CPVC
- Allows safe removal at pressures up to 50 psi



Top: 4909 SS Insertion/Removal Cell Assembly Bottom: 4909 CPVC Plastic Insertion/Removal Cell Assembly

Instructions





KEY NUMBER		Selection	Ava	ailability
Description				
04908 Replacement Cell Only	(Notes 1 & 2)	04908	\downarrow	

TABLE I - Cell Constant

	0.01	001	•
	0.1	X01	•
Cell Constant	1	XX1	•
	10	X10	•
	50	X50	k

TABLE II - Electrode Material

	Nickel	(Note 4)	33	n	1
Electrode Material	Platinum	(Note 4)	44	n	
	Monel	(Note 6)	55	m	

TABLE III - Automatic Temperature Compensation

Available for APT2000/4000CC and UDA2182	333	•

049		
	\downarrow	$\overline{\psi}$

TABLE IV - Leadwire Length

TABLE IV - Leadwire Length			Selection	80
Leadwire Length	20 ft. (6,10 meters) Leadwire	(Note 5)	20	•
	Junction Head (Aluminum)		X1	•

TABLE V - Valve/Cell Materials

Valve/Cell Material	Material		
4908 PES Replacement Cell for 4909 SS Valve Assembly	Standard insertion cell only	02	С
4908 PES Replacement Cell for CPVC Valve Assembly	Cell only	03	d

TABLE VI - Special Mounting Options

17.222 11 Openial meaning opinions			
Special Mounting Options - select one	option per unit		
None		000	•
4908 replacement cells for 4909 SS		930	е
Valve Assembly containing SS Support			
tube. Use Table V Option = 02			
Special insertion lengths for new/	Uses special insertion cell to	910	h
replacement cells for 4909 SS	increase standard insertion		
Valve Assemblies. Only available	cell depth by 4.4" (111,76 mm)		
for Table V Option = 02			

TABLE VII - OPTIONS

Tagging	None		0	•
	Linen		L	•
	Stainless Steel		S	•
Certificate of Calibration	None	(Note 3)	_ 0 _	•
	Calibration & Conformance	(Note 3)	_1 _	•
Future			0	•

TABLE VIII - FACTORY USE

TABLE VIII TAGTORT GGE								
Factory Use Only		000	•					

Notes:

- 1. Replacement cells only. CAUTION: Look at Restrictions for insertion depth dimensions based on valve assembly type.
- 2 Replacement 4908 cells for existing 4908's and 4909's manufactured before 8/85 must specify Table V = 02.
- **3** The current selection system requires that Option 1 be chosen if a certificate is to be sent along with any of the available 4909/4908 cells.
- 4 For cell constants other than 0.1, Platinum is used in acid and base applications; Nickel is used in all others.
- 5 If shorter length is required, cut to length, skin and tin ends.
- 6 For all constant 0.1, Monel is used for all applications.

RESTRICTIONS

Restriction Letter		Available Only With		Not Available With			
	Table	Selection	Table	Selection			
С	V	Standard insertion cell for SS valve assemb	lies consis	sts of a conductivity			
		ell of variable length based on the cell constant and a 13.2" (335,28 mm)					
		ES tube molded to the cell. The conductivity cell insertion depth is					
		listed below:					
		001, X01, XX1 = 7.5 in. (190,50 mm)					
		X10 = 7.7 in. (195,58 mm)					
		X50 = 8.8 in. (223,52 mm)					
d	V	Standard conductivity cell insertion depth dir	according to cell				
		constants for CPVC assemblies is listed belo	ow:				
		001, X01, XX1 = 5.5 in. (139,70 mm)					
		X10 = 5.7 in. (144,78 mm)					
		X50 = 6.8 in. (172,72 mm)					
е	V	02		X50			
h	V	02					
k	I	For 9782C, 7082 and UDA2182					
m	I	X01					
n				X01			

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4909 and 4908 **Conductivity Cells**

Accessories and Replacement Parts

Part Number

Table IV = 20)

Honeywell Proprietary

Accessory Parts 50034477-501 Junction Box Ball Valve Removal device 31741450-501 316 SS (doesn't include 4908 Cell) CPVC (doesn't include 4908 Cell) 31074357-501 CPVC Support tube. Used in 31074357 to extend cell insertion depth by 6". 31074344-501 (Allow additional 6" for cell removal.) (Only with

SS Support Tube for use with: Table IV = 20, Table V = 02, Table VI = 930 50038762-501 SS Support Tube for use with: Table IV = X1, Table V = 02, Table VI = 930 50038763-501

Replacement Parts

Viton Packing Gland for 1-1/4" NPT SS Assembly	31071494-501
Viton Packing Gland for 1-1/4" NPT Plastic Assembly	31074345-501