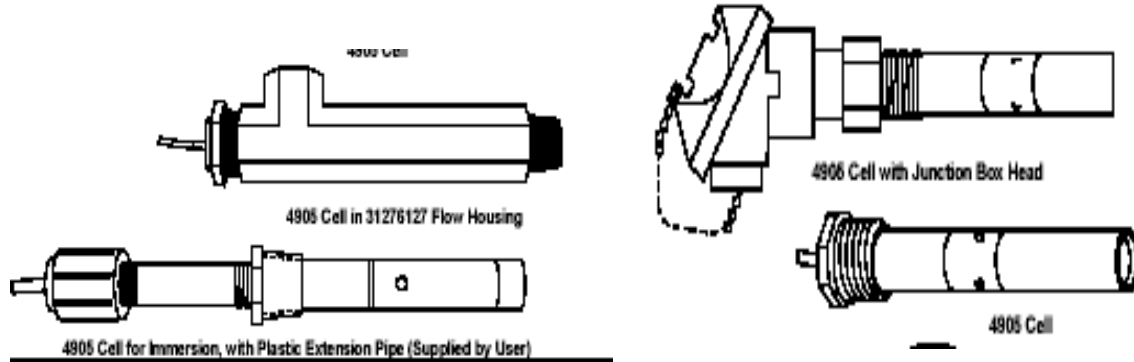


4905 Conductivity Cells

Model Selection Guide



Instructions

51-52-16-72

- Consult **Steps to Selecting Appropriate Conductivity Instrumentation and Cells** before making selections below. (Section 2 INTRO)
- Select the desired key number. The arrow to the right marks the selection available.
- Make one selection from each Table using the column below the proper arrow.
- A dot denotes unrestricted availability. Restrictions follow Table VI.
- For immersion applications, temperature should not exceed 85°C.

Key Number I II III IV V VI VII
 - - - - - - - 000

KEY NUMBER

Description	Selection	Availability
04905 Conductivity Cell	04905	↓

TABLE I - CELL CONSTANT

0.01	001	•
0.1	X01	•
1	XX1	•
10	X10	•
50	X50	•

TABLE II - ELECTRODE MATERIAL

Nickel (Note 1)	33	e
Platinum (Note 1)	44	e
Monel (Note 3)	55	d

TABLE III - AUTOMATIC TEMPERATURE COMPENSATION

For APT2000/4000CC and UDA2182	333	•
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04905

TABLE IV - Cable Options

		Selection	Availability
Cable Options	20 ft. (6,10 meters) Leadwire (Note 2)	20	•
	50 ft. (15,25 meters) Leadwire	50	f
	Quick Disconnect Connector (Note 4)	QD	f
	Universal Head (Aluminum)	X1	•

TABLE V - Special Insertion Lengths

Special Insertion Length			
None		000	•
4.4 in. (111,76 mm) extra		910	•

TABLE VI - OPTIONS

Tagging	None	0__	•
	Linen	L__	•
	Stainless Steel	S__	•
Certificate of Calibration & Conformance	No	_0_	•
	Yes	_1_	•
Future		__0	•

TABLE VII - FACTORY USE

Factory Use Only		000	•
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Note 1: Platinum is used in acid and base applications; Nickel is used in all others

Note 2: If shorter length is required, cut to length, skin and tin ends.

Note 3: For all constant 0.1 cells. Monel is used in all applications.

Note 4: Please order corresponding Quick Disconnect sensor-to-instrument cable from accessory table.

RESTRICTIONS

Restriction Letter	Available Only With Selection		Not Available With Selection	
	Table		Table	
d	I	X01		
e			I	X01
f			V	910

4905 Conductivity Cells

Accessories and Replacement Parts

Accessory Parts

Part Number

PES Flow Chamber	276127
Junction Box	50034477-501
Extension Cables for Sensors with Quick Disconnect Option:	
2 m (6.56 ft)	50024092-501
3 m (9.84 ft)	50024092-502
6 m (19.69 ft)	50024092-503
15m (49.21 ft)	50024092-504
<i>Only Honeywell Extension Cables can be used</i>	
Direction Manual	70-82-25-18