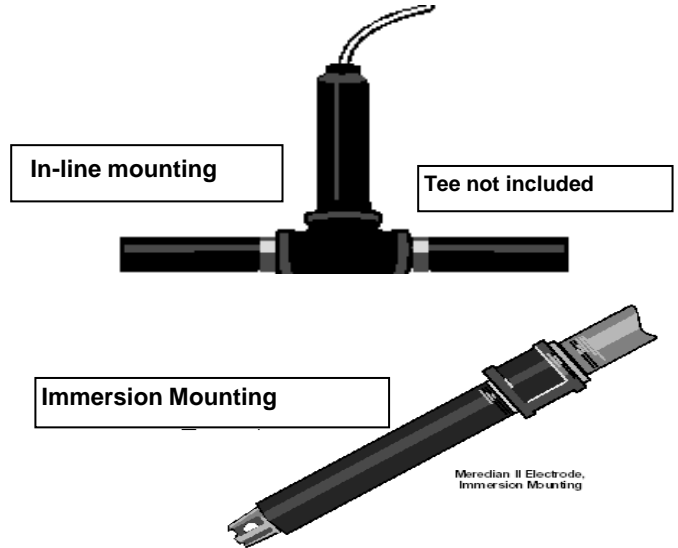


## Series 7777 Meridian® II Electrode In-Line or Immersion Mounting

## Model Selection Guide

- Combines measuring and reference electrodes, together with integral fast responding automatic temperature compensator
- Temperature range 0 - 100° C (32 - 212° F)
- Suitable for in-line and immersion applications
- May be mounted in any position
- Mounting is FM approved, intrinsically Safe for Class I, Group A, B, C,D areas with APT2000
- See Product Spec 70-82-03-06 for detail



### Instructions

- Select the desired Key Number. The arrow to the right marks the selection available.
  - Make one selection each per table using the column below the proper arrow.
  - A dot (•) denotes unrestricted availability.
- Key Number      I      II      III      IV
- -  -  -

KEY NUMBER	Description	Selection	Availability
7777	Electrode Mounting	07777	↓

TABLE I - Preamp (depends on analyzer or transmitter used)

Instrument	Preamp Module		
UDA2182 APT2000/4000	None pH (direct electrode to instrument connection)	0	•
UDA2182, APT2000/4000	ORP (direct electrode to instrument connection)		
UDA2182 (Preamp Input)	31075705-501 Meridian II glass electrode preamp module (includes 31075707 preamp and 31075723-501, 20 foot (6,10 meters) quick disconnect cable for connection to instrument or junction box) <b>(Note 1)</b>	3	•

**TABLE II - Mounting, Leads, Instrument Connection, Part No.**  
**Meridian II Glass pH:**

07777  
 Selection ↓

Mounting	Leads (Integral)	Instrument Connection	P/N		
In-Line	Quick Disconnect (Note 3)	Direct Connection to: UDA2182, APT2000/4000	50027820-501	09	c
Immersion	20' Tinned (6,10 meters)	Direct Connection to: UDA2182, APT2000/4000	51451326-503	16	c
In-Line			51451326-504	18	c
Immersion	12' (6 pin preamp connector) (3,66 meters)	Preamp Connection	31074387-501	03	d
In-Line			31074399-501	14	d

**ORP Electrodes:**

Mounting	Leads	Temp.	P/N (Note 2)		
In-Line	Quick Disconnect (Note 3)	-5 to 110°C	50027820-502 (gold)	11	c
		-5 to 110°C	50027820-503 (platinum)	12	c
Immersion	20' Tinned (6,10 meters)	-5 to 110°C	51451341-503 (gold)	07	c
		-5 to 110°C	51451340-503 (platinum)	08	c
In-Line	20' Tinned (6,10 meters)	-5 to 110°C	51451341-504 (gold)	27	c
		-5 to 110°C	51451340-504 (platinum)	28	c
		-5 to 110°C	51451340-505 (platinum)	29	c
	50' Tinned (15,25 meters)				

**TABLE III - OPTIONS**

Tagging	None	00 __	•
	Linen Customer I.D. Tag - 3 lines, 22 characters per line	LT __	•
	Stainless Steel Customer I.D. Tag - 3 lines, 22 characters/line	SS __	•
Certifications	None	-- 00	•
	Calibration & Conformance	-- CC	•

**TABLE IV - Factory Use**

Factory Use Only	000	•
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**RESTRICTIONS**

Restriction Letter	Table	Available Only With		Not Available With	
		Selection	Table	Selection	Table
c	I	0			
d	I	3			

Note 1: For longer preamp to instrument cables, see Accessories and Spare Parts List.

Note 2: Gold is generally used in applications containing cyanide; platinum is used for all others.

Note 3: Please order corresponding Quick Disconnect sensor-to-instrument cable from accessory table.

## Series 7777

## Accessories and Replacement Parts

Description	Part Number
Directions - Meredian II Mounting	70-82-25-05
Directions - Preamp (31075704-501 & 31075705-501)	70-82-25-57
Directions - Meredian II Electrode	70-82-25-56
pH Buffer Solutions	
4.01	31103001-501
6.86	31103002-501
9.18	31103003-501
Extension Cables for Sensors with Quick Disconnect Option:	
2m (6.56 Ft.)	50024092-501
3m (9.84 Ft.)	50024092-502
6m (19.69 Ft.)	50024092-503
<i>Only Honeywell Extension Cables can be used.</i>	
Cable - preamp to instrument	
Table I = 3	
- 20 feet (6,10 meters)	31075723-501
- 50 feet (15,25 meters)	51309677-501
Smooth Electrode Tip - In-Line Mounting	31074331-501
Guarded Electrode Tip - Immersion Mounting	31074330-501
Frit O-Ring (for replacement tips)	31074365-501
Junction Box	50034477-501
Special CPVC pipe tee for 3/4" in-line mounting	31120167-501
Cable grip - for Meredian glass and preamp to instrument cables (3/4" NPT connection and 0.25" grommet hole)	31074354-501