

# PH / ORP Analyzers

## OPM223/253



223(253) pH/ORP			
AC/DC	가	AC220/110V	24V
control,	가	1	가 on-off
	가	PID	
PS	Sensor Check	Sensor Check	pH
	Live Check	Live Check	PS
	가	가	
	P(ID)	가	

- NEMA4X/IP65 가
- PH(ORP)
- 4 가
- NAMUR
- PID
- 2

- /
- /
- /



WedgeWood Analytical Inc.  
Liquid Analytical Measurement & Control Specialists

MODEL OPM 223/253 PH/ORP ANALYZERS

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## OPM223/253

( PR )	( PS )
(PV) ( Code 0 ) ( Code 1 ) 1 ( Code 05 ) * On-Off NAMUR ( ) * 2.4 22.0 mA ( )	pH  가
10	가
2 (PV) * On - Off * * P(ID)	
16	가
4 (PV) * On - Off * * P(ID)	

PH	
	0 to 14 pH
	0.01 pH
	Max. 0.2% of measuring range
/	0.1 pH
( 0 )	: 5.0 - 9.0 pH ( 7.0 pH ) : 1.0 - 3.0 pH ( 1.0 pH )
	: 38.0 - 65.0 mV / pH : 25.0 - 65.0 mV/pH ( 59.16 mV/pH )
	> 1 x 10 <sup>12</sup> Ohms
	25°C(77°F)
	50 meters (164 feet)



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<b>ORP(REDOX)</b>	
	-1500mV to +1500mV or 0 to 100%
	1.0 mV / 0.1%
	0.2% of Measuring Range
	> 1 x 10 <sup>12</sup> Ohm
<b>Pt 100</b>	
	-20°C to 150°C ( -4 to 302°F)
	0.1°C
	0.2% of Measuring Range
<b>1</b>	<b>2</b>
	10 to 50V
	Max 10mA
	Selectable 0 to 20mA or 4 to 20mA
NAMUR	2.4 or 22.0 mA
	500 Ohms
	10% to 100%
	Max. 350V rms/ 500VDC
	EN 610005 : 1995
	PH,ORP,Temperature
	0 to 2000 sec
	Dry, SPDT, NO/NC
	2.0 Amps
	2.0 Amps
	250VAC, 30 VDC
	1250 VA AC, 150 Watts DC
	500 VA AC, 90 Watts DC



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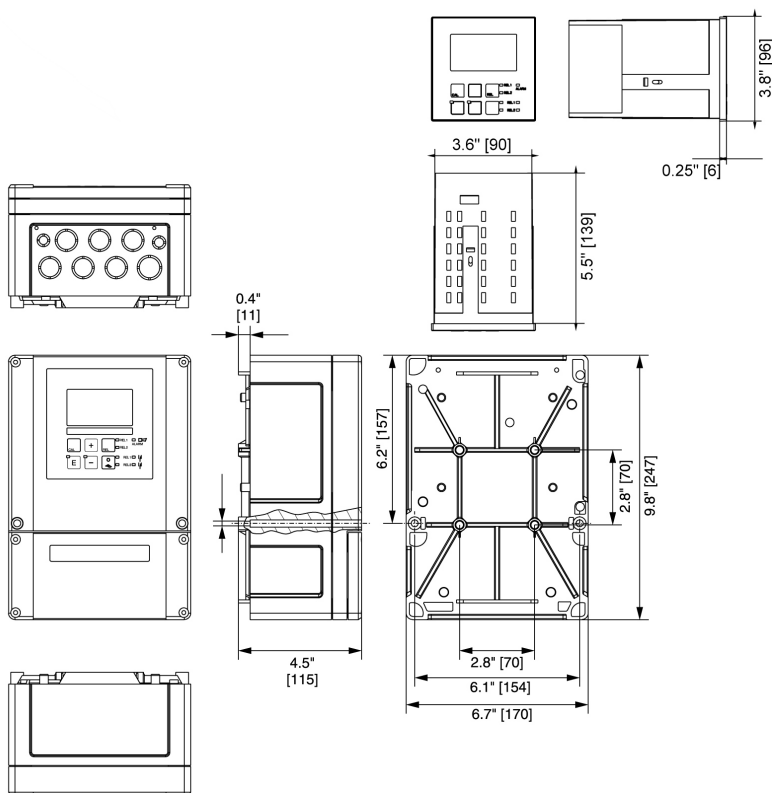
MODEL OPM 223/253 PH/ORP ANALYZERS

	<b>Solenoid Valves</b>
	<b>Solenoid Operated Metering Pumps</b>
	<b>P ,PI ,PD , PID</b>
Gain (P)	<b>0.01 to 20.00</b>
(I)	<b>0.0 to 999.0 min</b>
(D)	<b>0.0 to 999.0 min</b>
	<b>0.5 to 999.9 sec</b>
	<b>60 to 180 min<sup>-1</sup></b>
(H x W x D)	<b>96 x 96 x 145 mm ( 3.8 x 3.8 x 5.7 inch )</b>
(HxWxD)	<b>247 x 170 x 115 mm</b>
	<b>Max. 0.7kg ( 1.54 lbs)</b>
	<b>Max. 2.3kg (5.0 lbs)</b>
	<b>LC display, 2-lines, 5 and 9 digits</b>
	<b>Panel Mount Unit - Polycarbonate</b>
	<b>Polyester, UV-resistant</b>
	<b>ABS</b>
	<b>-10 to 55 °C (14 to 131°F)</b>
	<b>-25 to 65 °C ( -13 to 149 °F)</b>
	<b>10 to 95%, non-condensing</b>
	<b>IP54(front), IP30 (housing)Max. 2.3kg (5.0 lbs)</b>
	<b>IP65, NEMA 4X</b>
EMI / RFI	<b>EN 61326-1 : 1997</b>
	<b>100/115/230V AC +10%, 48...62 Hz, 24V AC/DC +20 / -15%</b>
	<b>Max. 7.5 VA</b>
	<b>250V / 3.15A</b>

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OPM-223-PR OPM-223-PS OPM-253-	PH/ORP pH/ORP NEMA4X
0 1 8	230V AC 50/60 Hz 115 V AC 50/60 Hz 24VAC or VDC
0 1	pH/ORP pH/ORP
05 10 16	1 2 4
<b>OPM-223-PR-1-1-10</b>	