



Endress + Hauser Conducta Inc.
PH/ORP Analyzers
 OPM223 / 253 (800 / 802)

Endress+Hauser 
 People for Process Automation



223/253(800/802) pH/ORP

24V AC/DC	가	가	4	1	AC220/110V	가	가	on-off
control,	,				PID			
PS		Sensor Check	가	가	Sensor Check		pH	
		Live Check	가	가	Live Check		PS	
		P(ID)				가		

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

- /
- /
- /

SPAN SENSING

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(PR)	(PS)
(PV) (Code 0) (Code 1) (Code 05) 1 * 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 10¹² Ohms
	25°C(77°F)
	50 meters (164 feet)



ORP(REDOX)	
	-1500mV to +1500mV or 0 to 100%
	1.0 mV / 0.1%
	0.2% of Measuring Range
	> 1 x 10¹² Ohm
Pt 100	
	-20°C to 150°C (-4 to 302°F)
	0.1°C
	0.2% of Measuring Range
1	2
	10 to 50V
	Max 10mA
NAMUR	
	Selectable 0 to 20mA or 4 to 20mA
	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



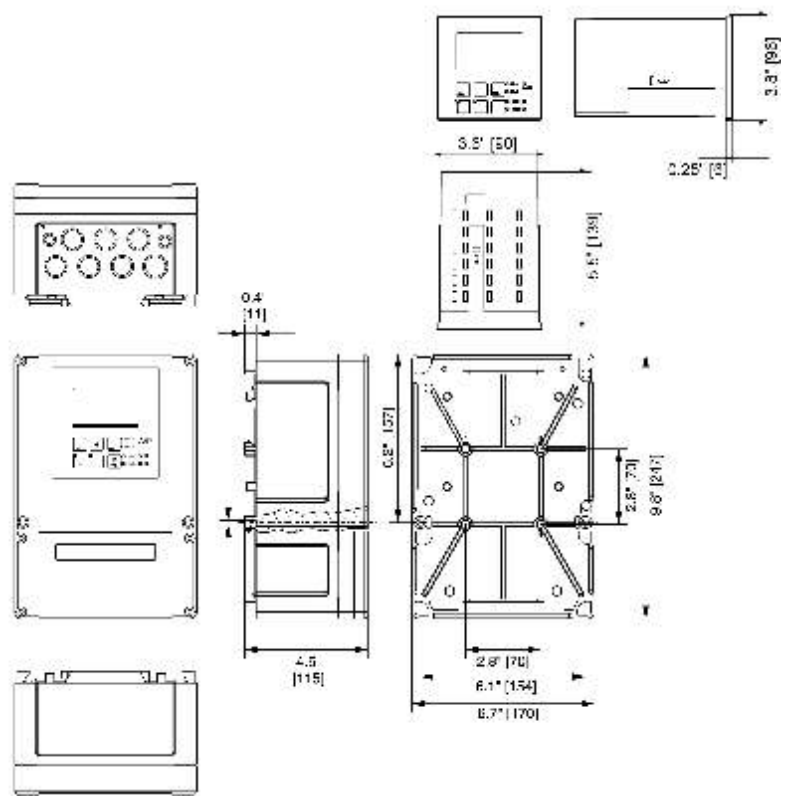
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	Solenoid Valves
	Solenoid Operated Metering Pumps
	P ,PI ,PD , PID
Gain (P)	0.01 to 20.00
(I)	0.0 to 999.0 min
(D)	0.0 to 999.0 min
	0.5 to 999.9 sec
	60 to 180 min⁻¹
(H x W x D)	96 x 96 x 145 mm (3.8 x 3.8 x 5.7 inch)
(HxWxD)	247 x 170 x 115 mm
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



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OPM 223(800)-PR OPM 223(800)-PS OPM 253(802)-PR	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
OPM-253(802)-PR-1-1-10	