



Endress + Hauser Conducta Inc.

Dissolved Oxygen Analyzers

OOM223 / 253 (840 / 842)



MODEL OOM223 / 253 (840/842) DO ANALYZERS



	842(840)		0-20mg/l	0-200%	
AC/DC	가	가	1	가	24V
control,	,	,	PID	가	on-off
DS	가	Live Check		Live Check	가

	mg/l	%	
•		NEMA4X/IP65	가
•		In-Situ	
•			
•			
•	4	가	
•	NAMUR		
•	PID		
•	2		

-
-
-
-



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

	0 to 20 mg/l or 0 to 200% Saturation
	0.01 mg/l or 0.1% Saturation
	0.02% of Measuring Range
/	0.75% of Measuring Range
	0 to 50°C (32 to 122°F)
()	0 to 1200 kPa
	0 to 4,000m (13,124 ft.)
	0 to 4.0%
	50 meters
	(164 feet)



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O2	
	0 to 3000 nA
	75 to 140% of nominal slope
20°C (68°F), 1013 mbar	290nA
NTC 30K@25°C (77°F)	
	-10°C to 60°C (-14 to 140°F)
	0.1°C
	0.2% of Measuring Range
1 2	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 610005-4-5 : 1995
	Dissolved Oxygen, 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



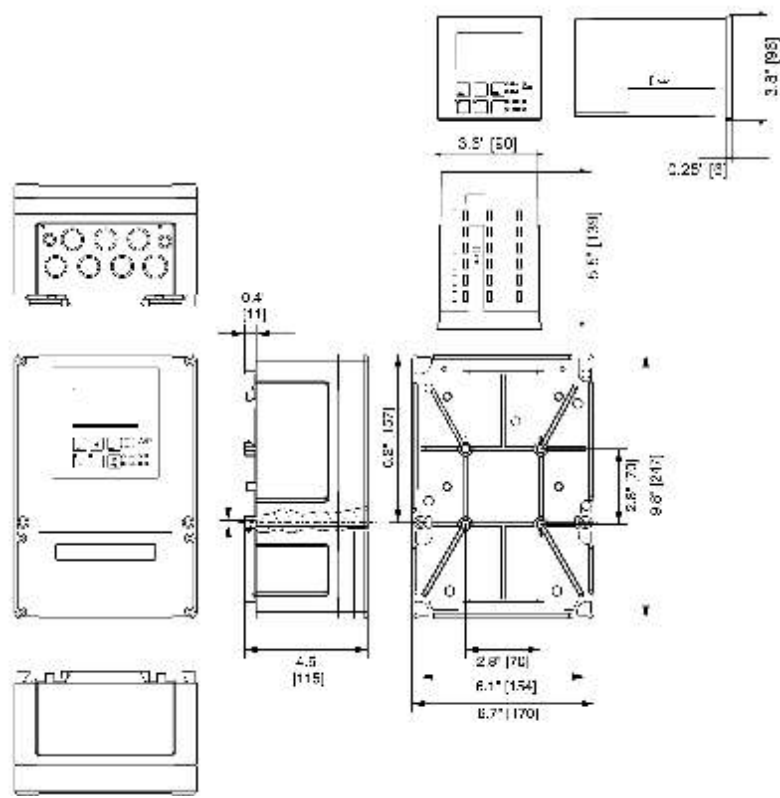
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OOM223-DX(840-DX) OOM253-DS(842-DS) OOM253-DX (842-DX)	NEMA4X
0 1 8	230V AC 50/60 Hz 115 V AC 50/60 Hz 24VAC or VDC
0 1	
05 10 16	1 2 4
OOM253-DX(842-DX)-0-0-05	