Water Treatment

NEXUS 5500

DOUBLE PARAMETER INSTRUMENT

Main characteristics

- Compact and easy to use controller, allows the measurement of the following parameters: pH / Rx, Free Chlorine, mA Input (free chlorine organic/inorganic, total chlorine organic/inorganic, bromine, H2O2, peracetic acid, chlorine dioxide, ozone) Conductivity, Temperature
- IP65 protection
- Four independent relays (dry contact) for SetPoint, alarm config and probe washing routine setting by main menu. On/Off, Timed and proportional (PWM) routine function setting.
- Two frequency output signal with two independent SetPoints, pulse numbers and PropBand setting
- 2 independent current outputs (4 - 20 mA)
- RS485 serial port with Modbus RTU communication protocol
- High-contrast backlit display changing color depending on the working condition of the device
- High measuring definition
- 100÷240 Vac Power supply

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MEASURES	RANGE		ACCURANCY
Ph	0 ÷ 14		± 0.01 Ph
ORP	± 2000 mV		± 1 mV
CD	K 100 sensor	0.005 ÷ 200 µS	± 2%
	K 10 sensor	0.05 µS ÷ 2 mS	
	K 5 sensor	0.1 µS ÷ 4 mS	
	K 1 sensor	0.5 µS ÷ 20 mS	
	K 0.1 sensor	5 µS ÷ 200 mS	
	K 0.05 sensor	10 µS ÷ 400 mS	
Cl - Amperometric	0 ÷ 5 ppm		± 0.1 ppm
PT100 / PT1000	-50° ÷ 150°C		PT 100 ± 0.5°C PT 1000 ± 0.2°C
mA Input specifications	24 Vdc - max 30 mA		± 0.2%

MODELS AVAILABLE

PR	pH/Redox – pH/Redox Probes
PD	pH/ Redox - Electric Conducibility (Conductivity) Probes
PM	pH/ Redox - Input 4-20mA Probes
MD	Input 4-20mA - Electric Conducibility (Conductivity) Probes
HC	pH/Redox - Amperometric Chlorine Probes
MM	Double independent Input 4-20mA Probes

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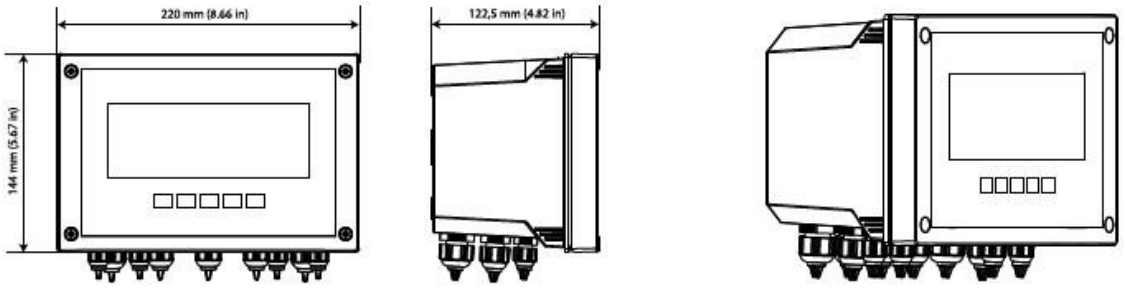
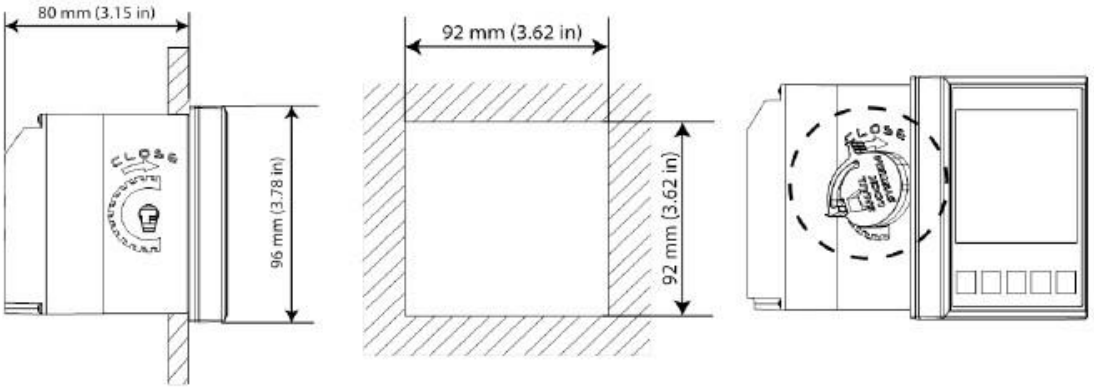
Dimensions



-Wall mounting size (220x144x122,5 mm) – Dimensions and footprint for wall mounted device



-Panel mounting size (96x96x100 mm) - Panel cutout and dimensions for Snail Lock System for panel mounted device

Applications:
Waste water – Fish farming – Boilers – Irrigation – Diary – Drinking water - Reverse osmosis – CIP – Cooling towers – Galvanic Process

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