

Water Treatment



NEXUS 5000 INSTRUMENTS FOR PROCESS ANALYSIS



Main characteristics

- Removable Electrical connections
- Positions of the numbered connections
- Plastic box ABS
- Universal power supply 100- -240 Vac 50/60 Hz
- Low Power 12 -32 Vdc or 24 Vac
- CE Conformity
- Output configuration:
All relay outputs, output frequency and mA output can be configured with primary and second measurement.
- Wall mounting, IP65, size (H x W x D) 144 x 144 x 120 mm
- Panel mounting, IP65 frontal Box and IP40 Rear box, size (H x W x D) 96 x 96 x 133 mm



Water Treatment

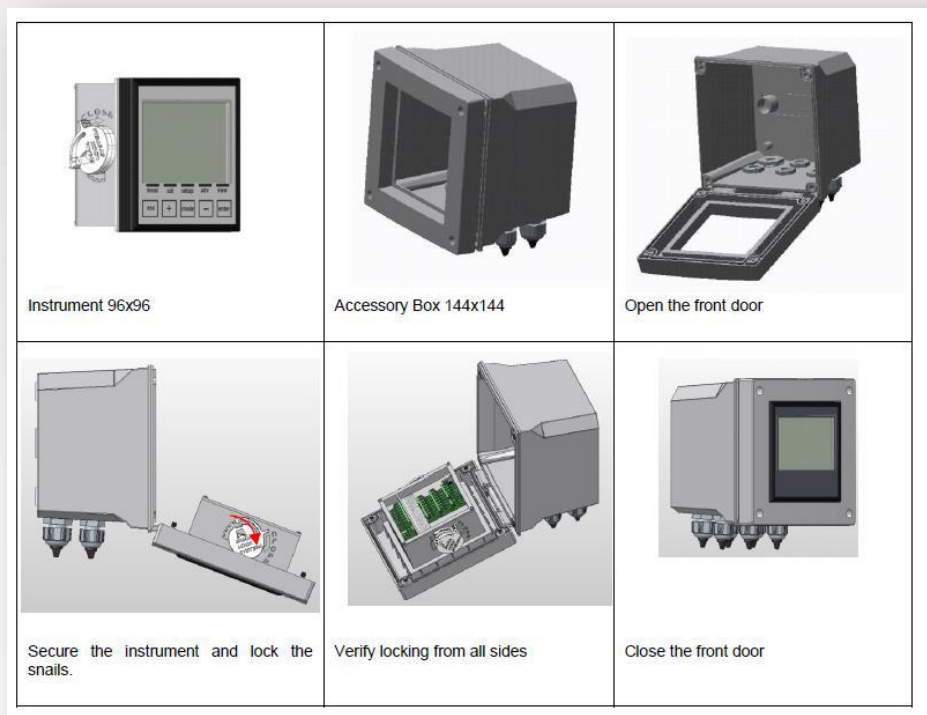
Measuring Range

Ph: 0 ÷ 14
ORP: ± 2000 mV
Conductivity: 0,054 ÷ 200.000 µS
Flow rates: 0,0000 ÷ 99,999 L/sec
Input 4-20 mA: 0 ÷ 99,999 ppm
Temperature: 50-150 °C (58-302 °F ± 0,4 °F)

Parameters

Value	Value	Value
Ph	0 ÷ 14	± 0,01 pH
ORP	± 2000 mV	± 1 mV
Conductivity	0,054 ÷ 200.000 µS	± 2 %
Flow rates	0,0000 ÷ 99,999 L/sec.	± 0,5 Hz
Input 4-20 mA	0 ÷ 99,999 ppm	± 0,01 ppm
Temperature	50-150 °C (58-302 °F ± 0,4 °F)	± 0,2 °C

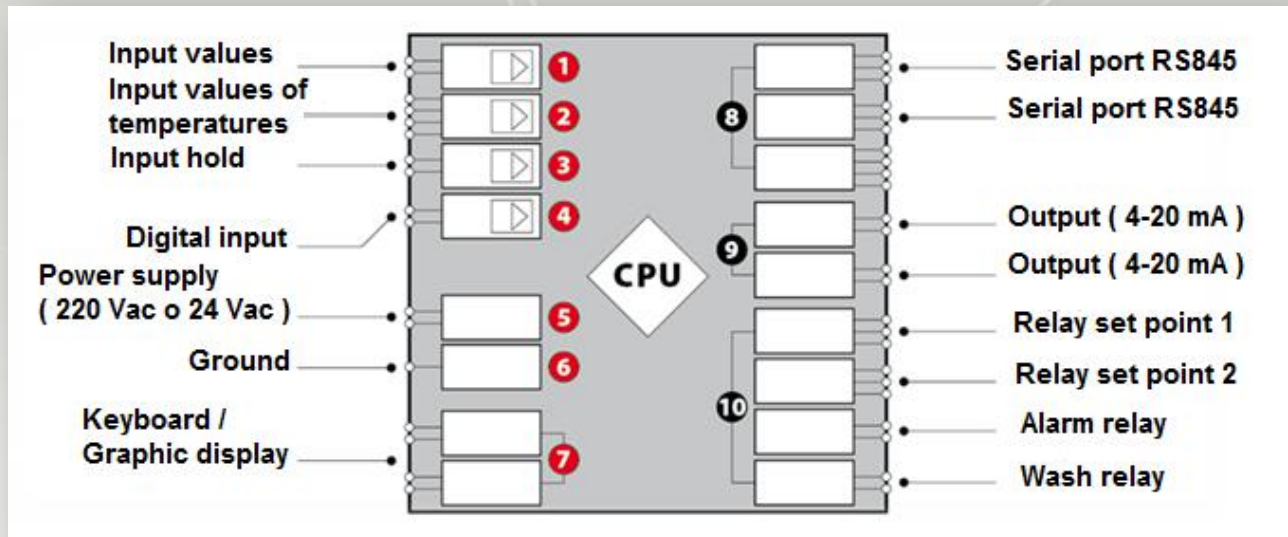
IP65 box (as accessory for the panel mounting version)



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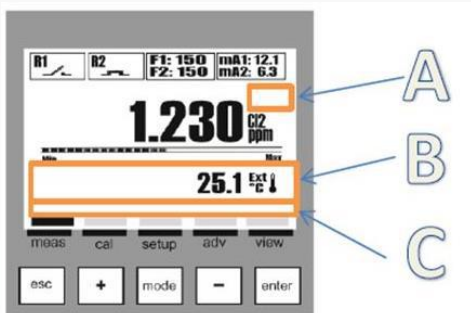
Interface



Display



Four different backlight colors to emphasize the different functions.



In the standard view of the tools we have three areas, as follows:

- Service Icons: danger, maintenance, waiting time, transmission of data.
- Text message for alarms and operating information or temperature measured by an external sensor or entered manually
- Name of the menu associated with the icon on the status bar