Kontrol 100

Control Instruments

seko

Kontrol **100**

Single-parameter control instrument

The Kontrol 100-series are advanced controllers designed for simpler high-end applications. The units feature an independent proportional control output, probe quality checking and a variety of outputs . The user has full programming authority.

Parameters
• pH / ORP
• Conductivity
• Flow Rate

Applications
• Waste Water
• Drinking Water
• Pure Water
• Cooling Towers
• Boiler
• Reverse Osmosis
• Crate Wash
• Galvanic Process
• CIP
• Irrigation
• Swimming Pool
• Sea water
• Dairy

Features

Graphic display 128 by 128 pixel resolution
monochrome display with graphic icons to show
digital output status, washing cycle, alarms menu.

Simultaneous flashing values for the measurement
(numeric + bargraph) and temperature readings.

Five control keys for instrument calibration
and configuration.

Enclosure Box
Wall mounting ABS
plastic material IP65 full box (144x144x122)
Panel mounting ABS
IP65 front panel only (96x96x42)

Power Supply
Universal Power Supply 100-240 Vac 50/60 Hz
Low Power Supply 12-32Vdc or 24 Vac
CE compliant

Configuration Outputs
All outputs Relay, SSR and Output mA are
configurable with primary and secondary measure.

Current outputs 4÷20mA Galvanic isolation

Two independent programmable Output Measures with Proportional routine regulation.

Relay Outputs

Two independent relays, two set points, alarm remote and back washing probe setting by software.
On/OFF, Timed routine function setting.

Solid State Relay (SSR)

Two Frequency output signal, two set points with Proportional routine regulation.
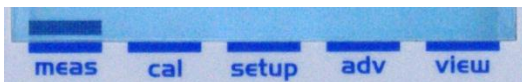
Service Maintenance Timer

One countdown timer to show a periodical maintenance service alarm.

Reverse Display function

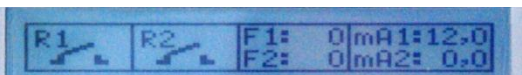Invert the writings on the display to obtain a high contrast.

Toolbar menu

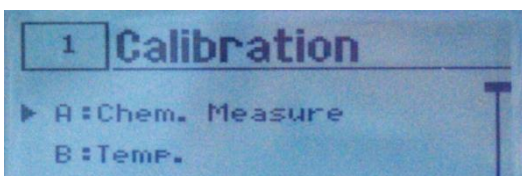The user-friendly programming step Menu by Toolbar functions.

Outputs Status bar

Quick information thanks to Status bar in real time.

Index menu

The user- friendly navigation thanks to index menu

Measure Range

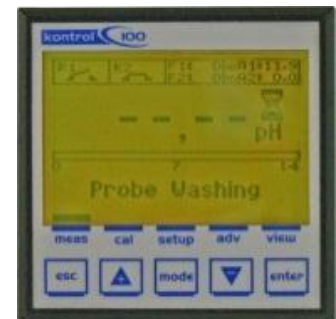| Code	Description	Accuracy
pH	0 ÷14,00 pH	±0,01pH
ORP	± 2000 mV	±1 mV
Conductivity	0,054÷200.000 µS(*)	±2%(**)
Flow Rate:	0,0000÷99.999 Liters/Sec.(***)	±0,5Hz(**)
Temperature	-50÷150°C (-58÷302 °F ±0,4°F)	±0,2°C

with PT100/PT1000

(*) Setting by software following unit measures: µS, mS, KΩ, M Ω, ppm, ppb
(**) accuracy of measuring point
(***) Setting by software following unit measures: l/s, l/m, l/h, m³/h, GPM.
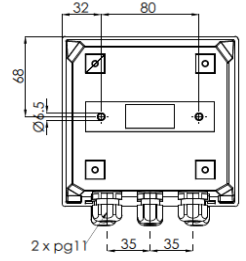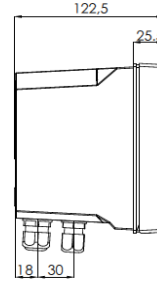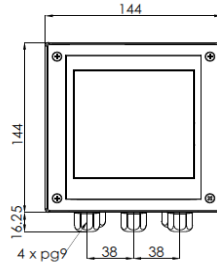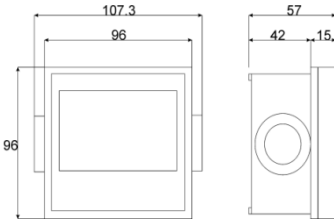
Product line

Code	Model	Description
K100PR	Kontrol 100	for pH/ORP values
K100CD	Kontrol 100	for Conductivity value
K100FX	Kontrol 100	for Flow Rate value

Multi-Color Backlight Function

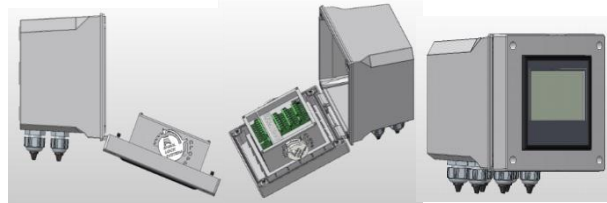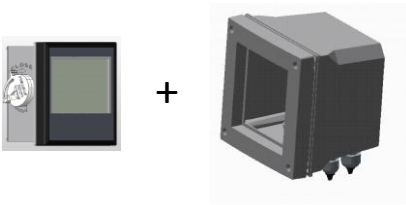Four different Backlight color to underline functions.

Mechanical Dimension

Accessory Box 144x144
Three step to have IP65 Full box

Snail Lock fixing system
Quick connection for panel mounting version.

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