

kontrol40

pH/Redox and Conductivity Meter Instruments



Panel version
(48x96x100 mm)



DIN Rail version
(6 moduls EN50022)



Wall mounting version with
IP65 protection (144x144x90 mm)



Panel version
(96x96x92 mm)

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pH/Redox and Conductivity Meter Instruments

kontrol40

controller series is a state of the art control instrument that allows accurate pH or Redox (ORP) and Conductivity measurement in water treatment applications.

STANDARD FUNCTIONS

- Password protection for setting menu
- Mathematical Statistics for action relay
- Manual Control all function instrument
- Probe efficiency indication
- OFA (Over Feed Alarm) by time
- Alarm Band setting with minimum and maximum value
- Proportional dosing by Set Point

VOLTAGE INPUT REMOTE CONTROL

The unit has the voltage input (**range from 15 to 30 Vac/Vdc**) to freeze all functions by a remote control system

0/4÷20mA OUTPUT GALVANIC SEPARATION

This is the ideal solution for connecting with a recorder or a data acquisition system without any interference

EASY TO CONFIGURE

It is easy to configure all parameters thanks to the digital **multi-language menu**

EASY TO READ

The unit has a 2 lines display with 16 font letters, which flashes both the temperature and the chemical measure

EASY TO CALIBRATE

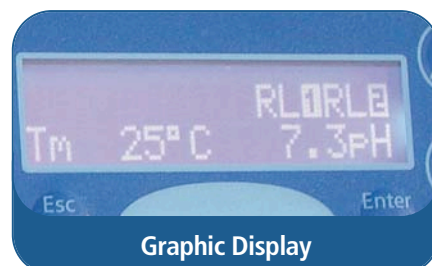
The calibration has never been so easy: the instrument recognizes the buffer solutions, carries out the calibration suspending the dosage and indicating electrode efficiency in % value. Conductivity calibration by just one point

Conductivity meter features

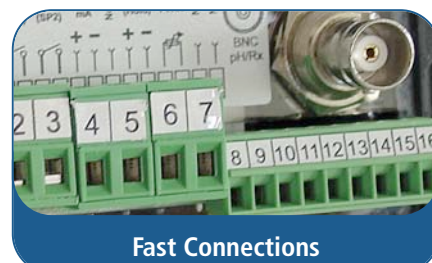
Measurement Range	0÷20000 µS	Accuracy 1%
with probe K10	10÷2000 µS	Accuracy 1%
with probe K5	20÷4000 µS	Accuracy 1%
with probe K1	100÷20000 µS	Accuracy 1%
Temperature Range	0÷100°C (Accuracy 1%) with PT100	
Current Output	0/4÷20 • 20÷4/0 mA (±2%) selectable	
Set Point (2 independents)	by dry contacts relay 10 A 250 V resistive load	
Voltage Input	15 ÷ 30 Vac/Vdc	
Power Supply	90 ÷ 265 Vac 50Hz/60Hz	

pH/Redox meter features

Measurement Range	pH: 0÷14.0 Accuracy 1%
<i>Selectable via software</i>	Redox: ±1000 mV Accuracy 1%
Temperature Range	0÷100°C (Accuracy 1%) with PT100
Current Output	0/4÷20 • 20÷4/0 mA (±2%) selectable
Set Point (2 independents)	by dry contacts relay 10 A 250 V resistive load
Voltage Input	15 ÷ 30 Vac/Vdc
Power Supply	90 ÷ 265 Vac 50Hz/60Hz



Graphic Display



Fast Connections



DIN rail mounting