

Universal controller - transmitter

The instrument is used when there is a need to add display functions, control, alarm, and / or automatic cleaning of the sensor to a transmitter capable of performing any type of measurement.

The instrument provides:

- measuring display in the selectable range from -9999 to 9999, corresponding to the 0-20 mA or 4-20 mA input;
- Vdc power to power the 4-20 mA loop of the transmitter;
- automatic measurement control function
- alarm from the low/high measurement, the set point overtime operation and the logic input;
- programmable dual analog output for recording and acquisition of the measurement values or PID regulation;
- hold / alarm function activated by two external volt free contacts
- automatic /manual autoclean function.



This unit allows a differential measurement, by using two 0-20 mA or 4-20 mA transmitters featuring the same measurement scale.

Specifications

- Display: multi-line graphic
- Input from: 0-20 or 4-20 mA single or differential
- - Scale: - 9999 / +9999 with selectable decimal point
 - Measuring unit: selectable and 4 digit configurable
- 2 set-point with min/max function, hysteresys and delay time programmable
- 2 analog outputs: 0-20 or 4-20 mA isolated for PID regulation or measure transmission
- Min/max alarm relay, activate/deactivate function selectable
- Parameters configuration on two levels with access code selected by the operator
- Two logic digital input for hold or alarm function, selectable
- Power supply: 85/264 Vac - 50/60 Hz, 5 VA
- Enclosure: metallic, IP 65 frontal protection
- Dimensions: 98x98x104 mm (90x90x95 mm back)
- Registered design: 002564666-003

Options

091.427 Power supply 9/36 Vdc - 24 Vac

Архангельск (8182)63-90-72
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 Екатеринбург (343)384-55-89
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 Ижевск (3412)26-03-58
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 Набережные Челны (8552)20-53-41

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 Пенза (8412)22-31-16
 Пермь (342)205-81-47
 Ростов-на-Дону (863)308-18-15
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 Тверь (4822)63-31-35
 Томск (3822)98-41-53
 Тула (4872)74-02-29
 Тюмень (3452)66-21-18
 Ульяновск (8422)24-23-59
 Уфа (347)229-48-12
 Челябинск (351)202-03-61
 Череповец (8202)49-02-64
 Ярославль (4852)69-52-93

Cl₂, ClO₂, O₃ analyzer

The controller can be connected to a potentiostatic or polarographic cell.

It provides manual and automatic temperature compensation, if an RTD Pt100 or an RTD Pt1000 is connected.

When the RTD is connected, the instrument provides the temperature reading.

The instrument provides:

- measuring display in the range stated by the installed sensor;
- automatic measurement control function
- alarm from the low/high measurement, the set point overtime operation and the logic input;
- programmable dual analog output for recording and acquisition of the measurement values or PID regulation;
- hold / alarm function activated by two external volt free contacts;
- automatic /manual autoclean function.

Specifications

- Display: multi-line graphic
- Input from: potentiostatic or polarographic cell, Pt100 or Pt1000 temperature sensor
- Selectable scales in ppm - mg/l
- Scales: 200.0 ppb - µg/l / 2,000 / 20,00 / 200,0 / 2000 ppm - mg/l
- Temperature range: -10/+110.0 °C - -14.0/230.0 °F
- Automatic or manual temperature compensation
- 2 set-point with min/max function, hysteresys and delay time programmable
- 2 analog outputs: 0-20 or 4-20 mA isolated for PID regulation or measure transmission
- Min/max alarm relay, activate/deactivate function selectable
- Parameters configuration on two levels with access code selected by the operator
- Two logic digital input for hold or alarm function, selectable
- Power supply: 85/264 Vac - 50/60 Hz, 5 VA
- Enclosure: metallic, IP 65 frontal protection
- Dimensions: 98x98x104 mm (90x90x95 mm back)
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Options

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pH/ORP controller - transmitter

The controller can be configured to measure pH or ORP during the installation.

It provides manual and automatic temperature compensation, if an RTD Pt100 or an RTD Pt1000 is connected.

When the RTD is connected, the instrument provides the temperature reading.

The instrument provides:

- measuring display in the range stated by the installed sensor;
- automatic measurement control function
- alarm from the low/high measurement, the set point overtime operation and the logic input;
- programmable dual analog output for recording and acquisition of the measurement values or PID regulation;
- hold / alarm function activated by two external volt free contacts;
- automatic /manual autoclean function.



Specifications

- Display: multi-line graphic
- Input from: pH electrode (glass or antimony), ORP electrode, Pt100 or Pt1000 temperature sensor
- pH range: 0/14.00 pH
- ORP range: -2000/+2000 mV
- Temperature range: -10/+110.0 °C - -14.0/230.0 °F
- 2 set-point with min/max function, hysteresys and delay time programmable
- 2 analog outputs: 0-20 or 4-20 mA isolated for PID regulation or measure transmission
- Min/max alarm relay, activate/deactivate function selectable
- Parameters configuration on two levels with access code selected by the operator
- Two logic digital input for hold or alarm function, selectable
- Power supply: 85/264 Vac - 50/60 Hz, 5 VA
- Enclosure: metallic, IP 65 frontal protection
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