



## GLI Model C33 Contacting Conductivity Controller

Продукт №:

C33A1NN

### ОСТАРЯЛ АРТИКУЛ

Този артикул вече не е наличен.

Model C33 Contacting Conductivity Controller has two sensor inputs which can be independently configured to measure conductivity, resistivity or total dissolved solids. The C33 accepts the Model 3400-series Enhanced Performance Conductivity Sensors and others.

#### Multiple Measurements

Sensor A and B can be independently selected to measure conductivity ( $\mu\text{S}/\text{cm}$  or  $\text{mS}/\text{cm}$ ), resistivity ( $\text{M}\Omega \cdot \text{cm}$  or  $\text{K}\Omega \cdot \text{cm}$ ), or total dissolved solids (ppm or ppb). The measured values or temperatures for Sensor A or B can be displayed separately or together (four total measurements). Both analog outputs can also be displayed. The Model C33 can provide a calculated Sensor A and B measurement (% rejection, % passage, ratio A/B, ratio B/A, difference A-B, or difference B-A). Front panel red LEDs indicate relay on/off status.

#### Ultra-pure Water Capability

Model C33 accurately measures conductivity down to  $0.056 \mu\text{S}/\text{cm}$  and resistivity up to  $18.2 \text{ M}\Omega \cdot \text{cm}$ , both at  $25.0^\circ\text{C}$ .

#### Backlit LCD Readout

The two-line, 16 character backlit LCD provides excellent viewing contrast under all lighting conditions.

#### Menu-guided Operation

The simple keypad and logical menu structure make this analyzer easy to use. Menu screens guide you through setup, calibration, operation, and test/maintenance functions.

#### Multiple Language Capability

All screens can be selected for display in English, French, German, or Spanish.

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### Спецификации

Relay functions:

Control: settings for high/low phasing, setpoint, deadband, overfeed timer, off delay, and on delay

Status: not configurable; relay only activates when a "fail" diagnostic condition exists

Relay: Operational mode:

Each relay (A and B) can be assigned to be driven by

sensor A's or sensor's B selected measurement (conductivity, resistivity or TDS) or temperature

Temperature compensation:

$-20 - 200^\circ\text{C}$  automatic or manual with selection for temperature compensator (Pt1000 RTD or Pt100 RTD); Linear % per  $^\circ\text{C}$  slope, built-in ammonia temperature properties table, built-in natural water temperature properties table, or no compensation

Аварийен сигнал:

Alarm: settings for low alarm point, low alarm point deadband, high alarm point, high alarm point deadband, off delay, and on delay

Бр. канали:

2 sensor A or B's measured values or temperatures can be separately displayed, or all four measurements can be displayed together on

	one screen. Both outputs are displayed together on a screen. Also, a calculated sensor A and B measurement can be displayed
Височина:	104 mm
Гаранция:	24 месеца
Дисплей: течнокристален (фоново осветление):	2-line by 16 character backlit LCD
Изисквания към захранването (Hz):	50 - 60 Hz
Изисквания към захранването (напрежение):	180 - 260 V AC
Измерване, диапазон:	selectable:  0-9999 ppm  0-9999 ppb
Изместване на показанията:	0.05 % of span per 24 hrs., non-cumulative
Интерфейс:	RS-232
Какво има в кутията:	Controller, User Manual
Максимална дължина на кабела от датчика до контролера:	91 m
Материал:	Brackets: Zinc-plated steel
Метод на калибриране:	GLI DRY-CAL Method:  enter the sensor's GLI-certified "calibration constant" and temperature "T" factor  1-POINT SAMPLE Method:  enter one sample value derived by laboratory analysis or comparison reading  ZERO Method:  With the dry sensor in air, press keys to initiate automatic system zeroing
Монтаж, вид:	Panel mounting
Относителна влажност:	0 - 95 % non-condensing
Памет, резервиране:	All user settings are retained indefinitely in memory (EEPROM) non-volatile
Повторяемост:	0.1 % of span or better
Работен температурен диапазон:	-20 - 60 °C at 0 - 95% RH (non-condensing)
Разход на енергия:	10 VA
Релета:	2 electromechanical relays; SPDT (Form C) contacts; 5A 115/230 V AC, 5A at 30 V DC resistive
Специални бележки:	Calculated sensor A and B measurement:  0-100% rejection  0-100% passage  ratio A/B or B/A  difference A-B or B-A
Тегло:	0,8 kg
Температура, изместване на скалата:	< 0.03 % of span per °C (zero and span)
Токов изход:	2 x 0/4 to 20 mA each with 0.004 mA (12-bit) resolution and capability to drive up to 600 Ω loads
Точност:	0.1 % of span
Условия на съхранение:	-30 °C - 70 °C

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## Какво има в кутията

Controller, User Manual