

2246819 E-CO Lineguard Meascon 97 Controller

Product Description:

The Lineguard® Meascon 97 is a multi-channel stand-alone process control unit, and is part of the Henkel Corporation distributed control system family. Designed for the control and monitoring of cleaners, rinses and treatments, it has 3 individual sensing and control loops that may be configured for electrodeless conductivity, contact conductivity, pH and ORP. This unit provides the highest quality, cost effective concentration control available to the finishing industry. The chemical resistant plastic enclosure meets NEMA 12 requirements. Installation is easy and maintenance requirements are minimal. Concentration, temperature and set points are shown on front panel LCD.

The Lineguard® Meascon 97 process set points and alarm limits are easily adjusted via front panel membrane push buttons located under the LCD display and can be password protected.



While Lineguard® Meascon 97 is a stand-alone process control system, it can also be incorporated into a Henkel Corporation Distributed Process Control System. The Lineguard® Meascon 97 can provide data output, utilizing its RS232 serial communication output, to a data logging device.

Product Features

- 3 inputs – any combination of conductivity, pH or ORP (Redox).
- 3 control relay outputs.
- 4 alarm relay outputs (1 system alarm and 3 process alarms).
- Corrosion resistant, NEMA 12 Enclosure.
- LCD Display with push button operation.
- Password protection ability.

Product Benefits

- Automatic chemical additions to process tank.
- Reduced chemical handling by personnel.
- Easily adjustable alarm settings.
- RS232 communication output.



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Technical Data

- Electrodeless and Contact Conductivity: 0-2mS, 0-20mS, 0-200mS & 0-2000mS.
 - pH: 0-14 pH.
 - ORP (Redox): 0-1000 mV.
 - Corrosion resistant, NEMA 12 enclosure.
 - Alarm relay outputs.
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Items supplied:

- Base controller, material number 2246819.
 - Mounting and installation Kit.
 - Operation Manual.
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LineGuard 97 Modules:

- 1739319 - LG97 Relay Output Module (required for 2 to 3 modules).
 - 1598683 – Module, Electrodeless Conductivity.
 - 1598685 – Module, Contact Conductivity.
 - 2246819 – Module, pH Input.
 - 2028846 – Module, ORP (Redox) Input.
 - Special Order – Module, Temperature Input.
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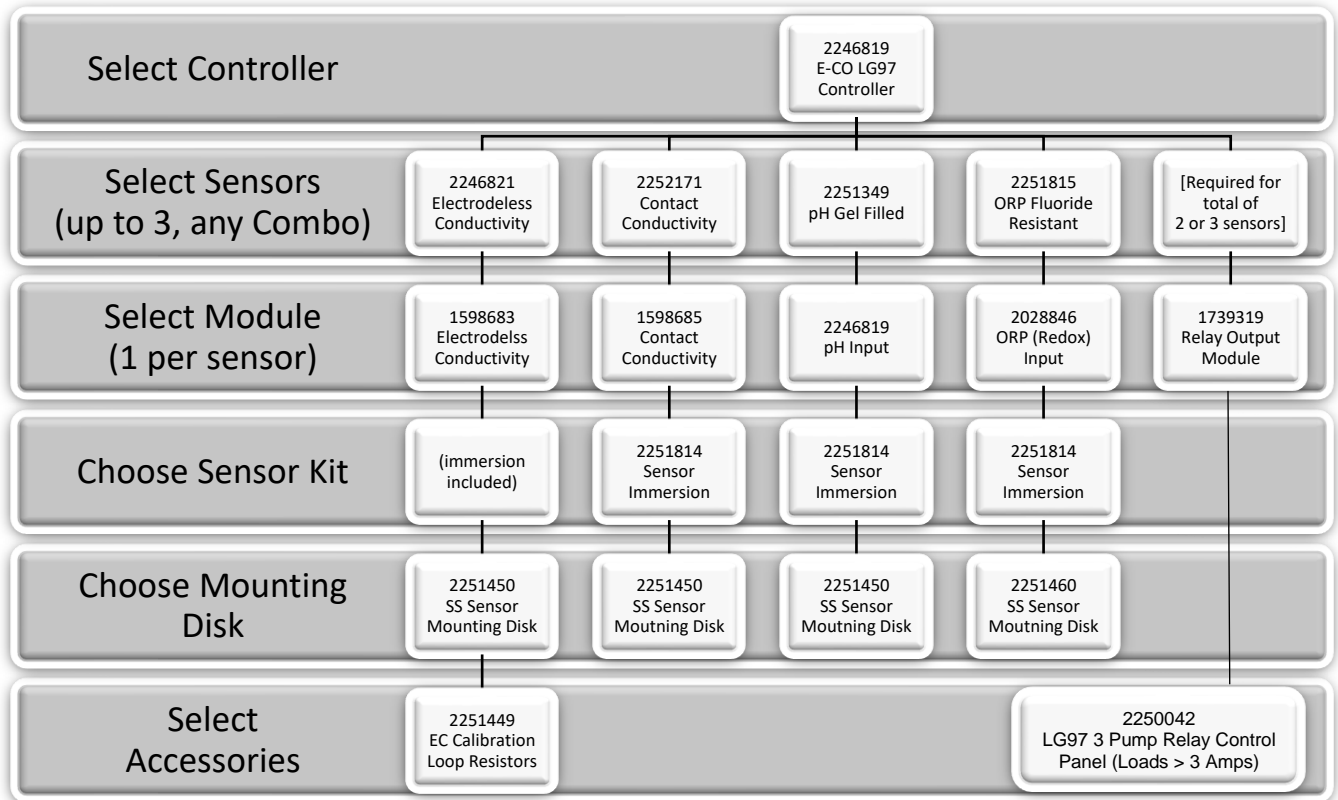
LineGuard Sensors:

- 2246821 – Sensor, Electrodeless Conductivity Immersion.
 - 2252171 – Sensor, Contact Conductivity.
 - 2251349 – Sensor, pH Gel Filled.
 - 2251815 – Sensor, ORP Fluoride Resistant.
 - Special Order – Sensor, Temperature (RTD)
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LineGuard 97 and Sensor Accessories:

- 2251449 – EC Calibration Loop Resistors.
 - 2251814 – Sensor Immersion Kit.
 - 2251450 – SS Sensor Mounting Disc.
 - 2282381 – Electrodeless Conductivity Extension Cable (100').
 - 2282380 – Junction Box for Sensor Extension Cable (6 terminals).
 - 2250042 - LG97 3 Pump Relay Control Panel (req. for loads 3 Amps or more)
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How to Buy:



*Note: 2282380 Junction Box for Sensor Extension Cable and 2282381 Electrodeless Conductivity Extension Cable (100') may be required to connect sensor with controller. Check wiring distances from process tank to controller.

Note

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