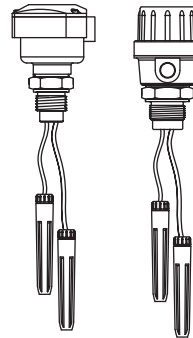


Models & Wiring Diagram

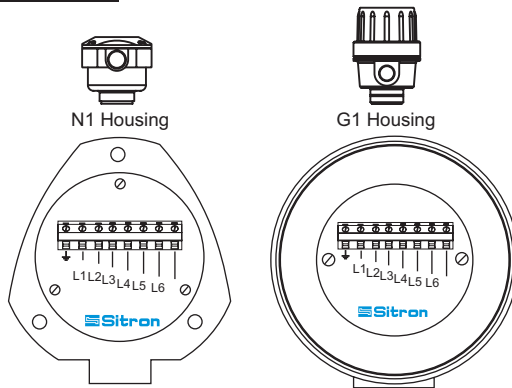
EL (1~6) - Pendular electrodes

Can accommodate up to six electrodes and are ideal for applications such as deep wells, tanks or water tanks, where the use of long fixed rods is not practical. The electrodes are supported by PVC cables, which allow for much longer lengths than fixed or removable rods, facilitating both installation, handling and transportation.

Nylon-N1 Aluminum-G1



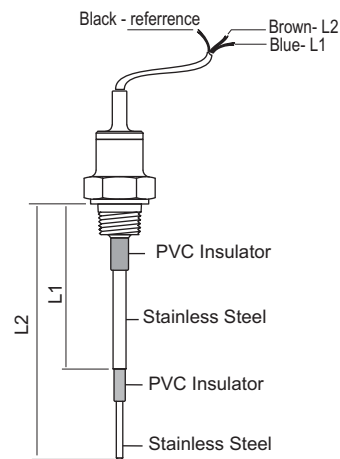
Connections



L1 to L6: Insertion length

ER02 - Concentric rod

Appropriate for control of minimum and maximum level. The main feature of this model is that it is ideal for narrow containers. This unit is easy to mount, does not have a housing enclosure, and comes with a direct electrical connection via PVC cable. The ER02 offers 316 stainless steel threaded connections.



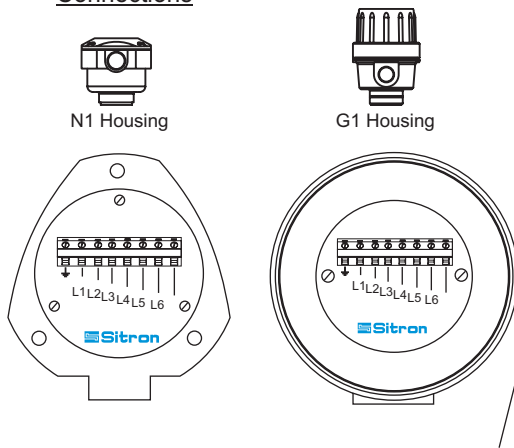
L1~L2: Insertion length

Models & Wiring Diagram

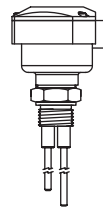
EL (1~6) - Fixed Rods

Used for level control, this model can accommodate up to six fixed rods, made of 316 stainless steel, for up to 6 different points of level control. It is available with either a nylon, aluminum or stainless steel housing.

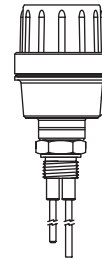
Connections



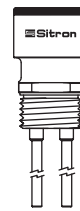
Nylon-N1



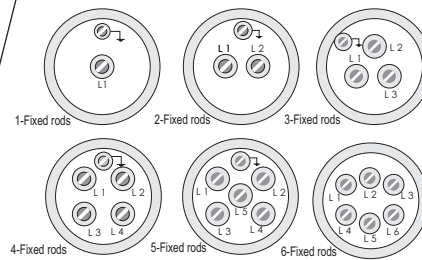
Aluminum-G1



SS - THC

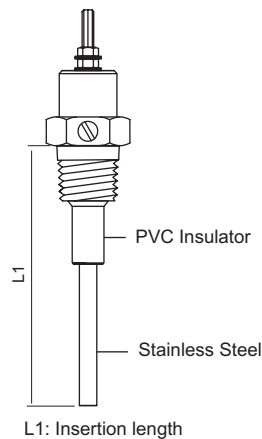


THC



TA01A - Fixed rod

The TA01A has no housing and is ideal for use in locations with limited space. Simple, economical and easy to assemble, this probe has single connection and 316 stainless steel rod with. The rod can be cut "on site", which makes it easily customizable to individual application requirements.



Models & Wiring Diagram

Relay Controller BS-16

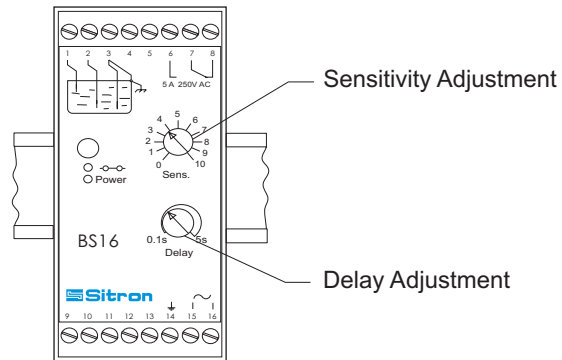
The BS-16 level controller is designed to be used in conjunction with the Sitron's Conductive Level Probes. The electrodes operate on alternating current, preventing the corrosion of the probes and the electrolytic decomposition of the product. The BS16 controls the differential between minimum and maximum with a relay output. It has adjustable sensitivity of 50K or 100K ohm's (optional model) used in liquid with low conductivity and adjustable timing from 0 to 5 seconds

Electrical Connections

1-
2- } Conductive Probe Input
3- }

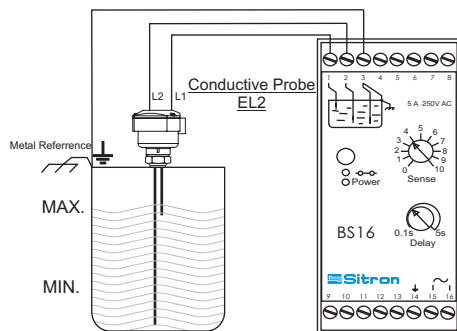
6- Contact NO
7- Common
8- Contact NC

15- Power Supply (+) (~)
16- Power Supply (-) (~)

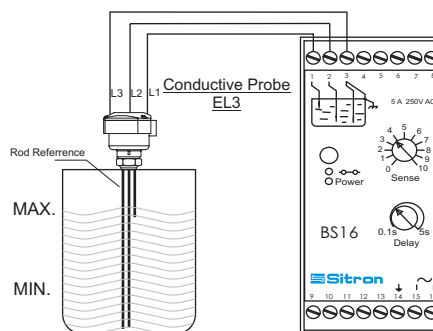


Application

Differential level control using the metallic tank as reference



Differential level control using a third rod as reference



Models & Wiring Diagram

Relay Controller BS-40

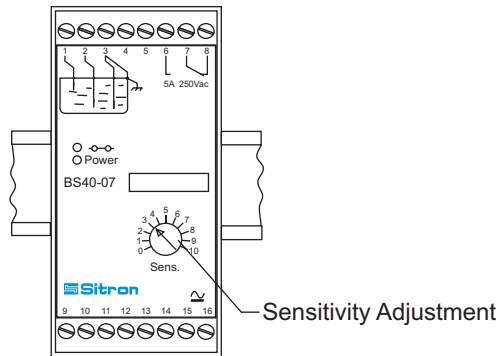
The BS-40 level controller is designed to be used in conjunction with Sitron's Conductive Level Probe. The electrodes operate on alternating current, preventing the corrosion of the probes and the electrolytic decomposition of the product. The BS40 controls the differential between minimum and maximum with relay output (SPDT). It has adjustable internal sensitivity of 50K or 100K ohm's (optional model) for applications in liquids with low conductivity.

Electrical Connections

1 }
2 } Probe input
3 }

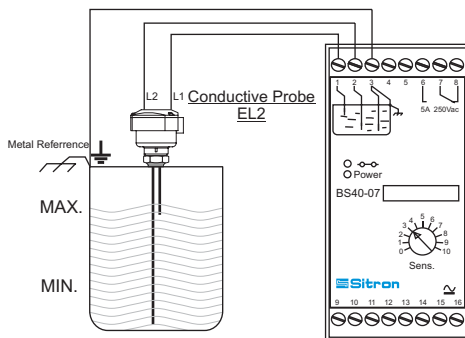
6- Contact NO
7- Common
8- Contact NC

15- Power Supply (+) (~)
16- Power Supply (-) (~)

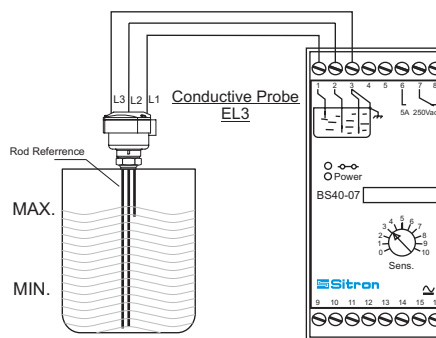


Application

Differential level control using the metallic tank as reference



Differential level control using a third rod as reference



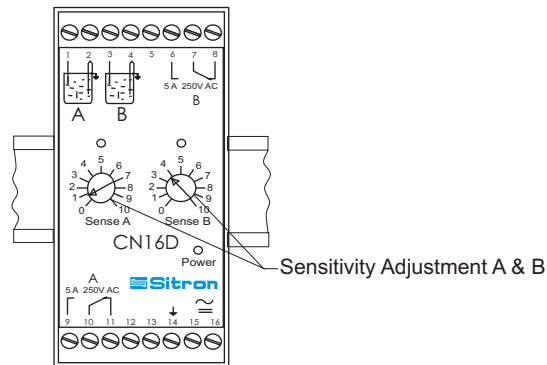
Models & Wiring Diagram

Relay Controller CN-16

The CN-16 relay level is designed to be used in conjunction with Sitron's Conductive Level Probes. The electrodes operate on alternating current, preventing the corrosion of the probes and the electrolytic decomposition of the product. The CN-16 detects up to two independent levels, with relay output (SPDT 1) for each level. It has adjustable internal sensitivity of 50K or 100K ohms (optional model) for applications in liquids with low conductivity.

Electrical Connections

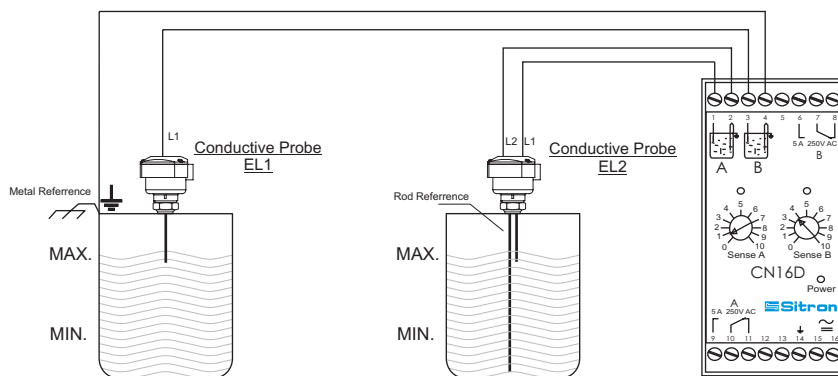
- 1- Conductive Probe Input
- 2- Conductive Probe Input
- 3- Conductive Probe Input
- 4- Conductive Probe Input
- 6- Contact NO
- 7- Common
- 8- Contact NC
- 9- Contact NO
- 10- Common
- 11- Contact NC
- 15- Power Supply (+) (~)
- 16- Power Supply (-) (~)



Application

Level control using the metallic tank as reference

Level control using a second rod as reference

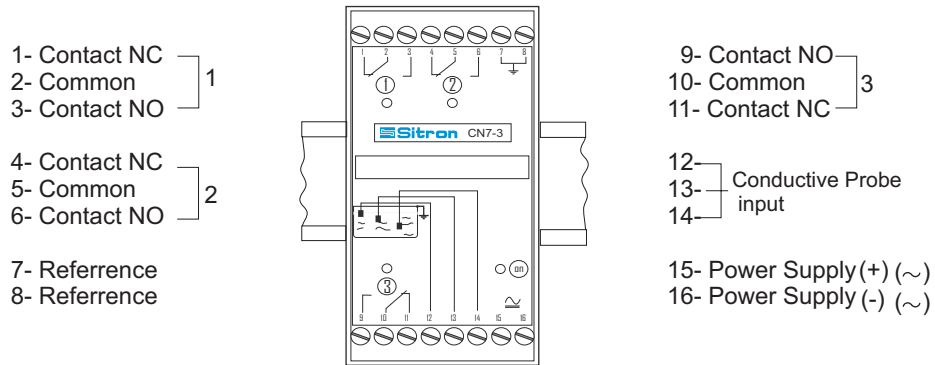


Models & Wiring Diagram

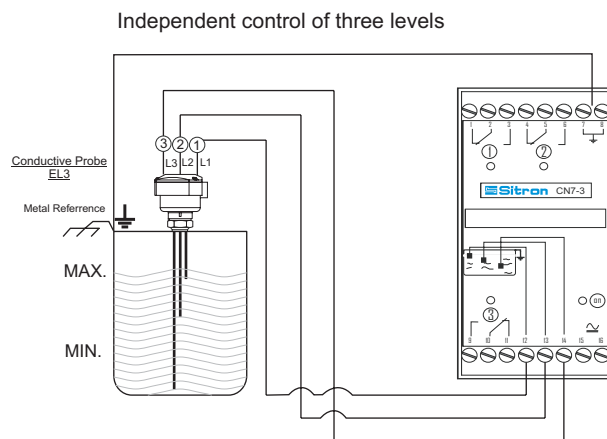
Relay Controller CN-7

The CN-7 relay level is designed to be used in conjunction with the Sitron's EL Series of conductive probes. The electrodes operate with alternating current, preventing the corrosion of the probe and the electrolytic decomposition of the product. The CN-7 detects up to three independent levels, with (3X SPDT) relay outputs.

Electrical Connections



Application



Models & Wiring Diagram

Amplifier Control CLD2

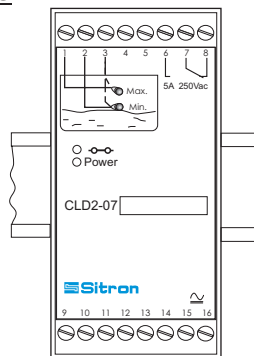
The amplifier control CLD2 relay can control minimum and maximum levels. For example, buoys or similar contacts to be connected to the line LP working satisfactorily until an external resistance of 10K ohm's.

The CLD2 has three important functions:

1. Relieve the overload on contacts avoiding arches during the ligament and shutdown.
2. Prevent vibration electrical switching contacts.
3. Transformation of the command values in higher power (5A/250V).
4. Control buoys to long distance

Electrical Connections

- 1- Probe
- 2- Probe
- 3- Reference
- 6- Contact NO
- 7- Common
- 8- Contact NC
- 15- Power Supply (+) (~)
- 16- Power Supply (-) (~)



Application

