



## USING TIMER ANTI-WAVE PSIA - DSIA WITH LEVEL CONTROL RELAYS

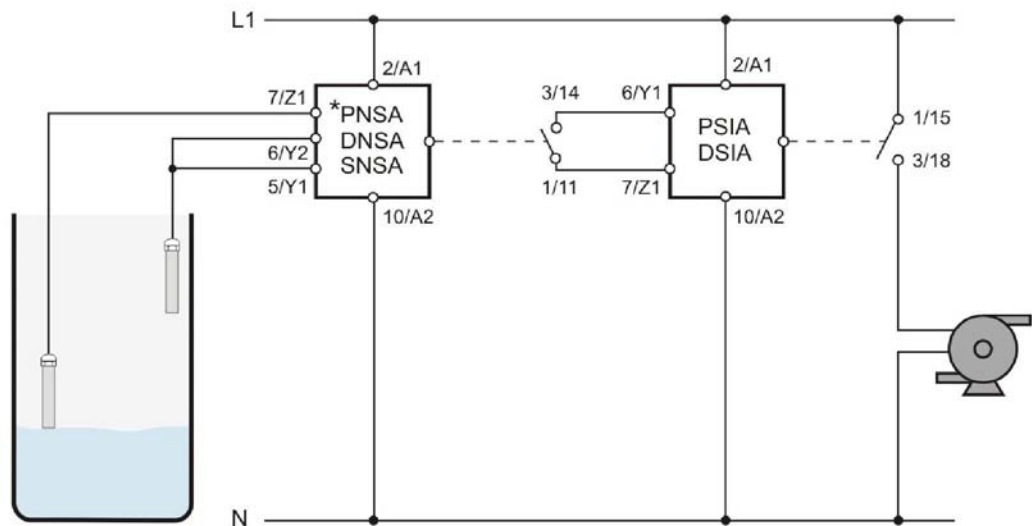


**Description** In tanks where the liquid is in agitation or waves can occur for various reasons, it is appropriate to have a system that drives the operator when the level reaches the checkpoint actually set to the desired height and without producing false maneuvers because the motion of the liquid.

The relay PSIA / DSIA starts a timer each time it receives a signal from the level detector. Until this signal is not maintained for a time equal to or greater than that set in the PSIA /DSIA, it will not perform the maneuver.

The example uses the level relay PNSA / DNSA / SNSA but you can use any other better suited to the characteristics of your installation.

### Scheme



### PSIA / DSIA

- Detection control in liquids with turbulences
- Reatard to level detection
- Diferential control of maximum and minimum levels by timming
- For use in devices with potential free contacts



[More information about PSIA/DSIA](#)

### LEVEL SENSORS FOR CONDUCTIVE LIQUIDS

- Compact and electrode holder exclusive use electrodes in conductive liquids. Control points are used to separate or combined level including wells and deposits of varying height.
- They need to connect to a level relay for conductive liquids.
- The number of electrodes is determined by the chosen relay function.

Follow these links for:

- [Further information on the level sensors](#)
- [Know the installation conditions conductive level relays](#)

### LEVEL RELAYS FOR CONDUCTIVE LIQUIDS

- They are used for the control of conductive liquids in all types of tanks, wells, ponds, etc.
- Combinations are distinguished by the following features:
  - Sensitivity range.
  - Control Mode.
  - Number and type of output contacts.



[More information about level relays](#)

