

LR-03 Liquid Level Relay

General

LR-03 type liquid level controllers are commonly Used for the level and discharge control of conductive liquids in tanks located in industrial plants and domestic applications.

Operation Principles(LR-03)

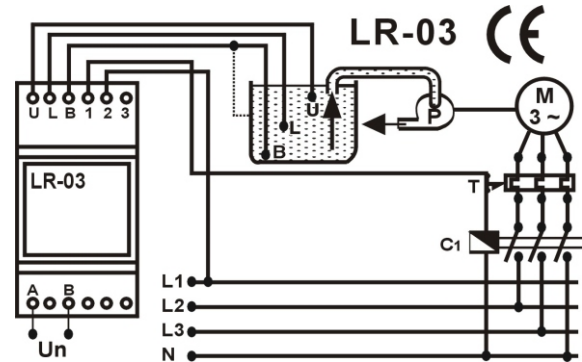
The output contact switches ON when the liquid reaches the upper level electrode U. The output contact switches OFF when the lower level electrode is no longer in contact with the liquid (in order to prevent the system to work with empty containers). Base electrode B has to be connected to the container in Order to determine the bottom level accurately .if the container is made of a non conductive material ,an additional electrode connected to B must be used .The sensitivity(i e..., impedance between Electrodes) can be adjusted to 5-250k for different liquids by means of the knob on the front panel . The LED on the front panel lights when The relay is ON position.

NOTE: This controller can not be used with flammable liquids

Technical Data

Rated Voltage	: Note in the outsourcing
Rated Frequency	: 50/60HZ
Operating Range	: (0.8-1.2) × Un
Adjustment range	: 5-250K ohm
Output Contacts	: 1 C/O with 8A, 1700VA
Ambient Temperature	: -5 °C To +50°C
Installation	: Surface mounting or on the mounting rails
Protection Class	: IP20
Weight	: 0.1 kg

Connection diagram



Installation dimensions

