



Level Control

TM-DEE-DLC

If you want to control the level of liquid in a tank between two points and/or you want an extra control output in the event that the tank over or under fills, this controller box is what you need. The controller box provides safe low voltage for the level switches which may become submersed and has high power relay contacts to control a pump or a solenoid valve in a gravity fed top-up system. The DLC I provides one relay that can be configured to provide dual level control or just buffer a single float switch or other light duty switching device. The DLC II has an additional totally independent relay that can be used for any purpose. For example if there is a lack of liquid in the tank in a pumped output system the pump may run dry and be damaged. A float switch can be set just above the level where this occurs and the relay contacts wired to cut the electrical supply to the pump motor. Many uses are possible with this device, call us with your problem and we will try to help.

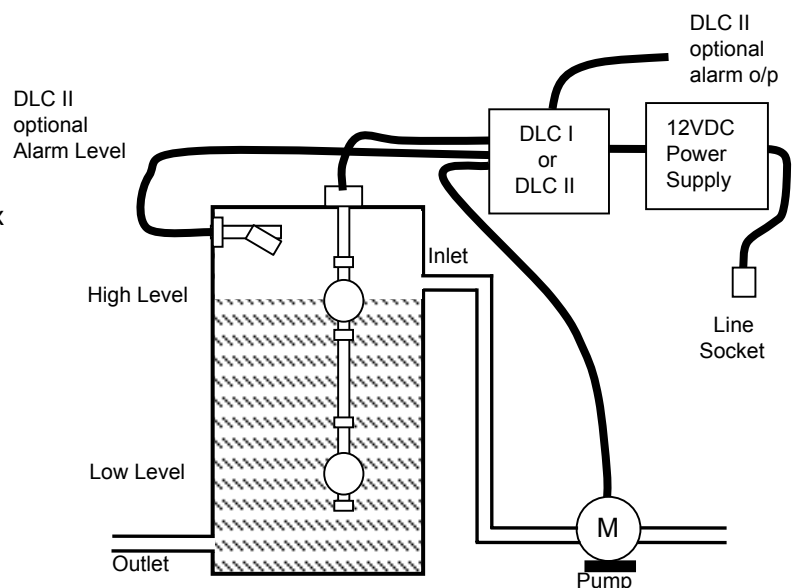


Features

- Enables lightly rated float switches to safely control high power electrical loads such as pumps or valves.
- Prolongs the life of float switches, pumps and valves by reducing on / off cycling.
- Float switch wiring, which may become wet, is safer because low voltage is used.
- Quick to install. Supplied with easy to follow instructions
- We manufacture many standard float switches that are compatible with the TM-DEE-DLC, we also manufacture custom designed float switches to suit your specific requirements

Specifications

Power supply	90 - 250 VAC
	0,5 A
Temperature range	0-40°C
Rating for pump	8A at 240 VAC max
Dimensions	126 x 86 x 55 mm
Protection	IP 54
Float switch	to be select



The figure above shows an example where a pump is used to top up a storage tank. Other arrangements can be controlled equally well by the Deeter Dual Level Controller. Please call us to discuss your requirements.

All specifications are subject to change without notice



TECHMARK

— Industriesteuerungen GmbH — <http://www.techmark.de> — e-mail: info@techmark.de —

Kirschstrasse 20 • D-80999 München • Telefon (+49-89) 89.26.57-0 • Telefax (+49-89) 89.26.57-33