

RLIA* ELECTROMECHANICAL SUBMERSIBLE LEVEL

RLIA94 Electromechanical submersible level controls for sewage

Designed to control water level in particular industrial sewage, waste water with suspended solids and turbulent water.

Moplen outer body pressure blown in one piece. Internal weight to establish the point of rotation (barycentre) next to the cable inlet. Insulation class: II test class: II. Electric switch with self cleaning multiple contacts to control the coil of the pump contactor, not suitable for direct control of the motor. Electric cable type A05- VVF- RF 60 section 3x1 mm² for industrial water. Contact capacity 5(3) A 250 Vac. Dual insulation 4 kW.



RLIA95 Electromechanical submersible level controls for open tanks

Suitable for monophas pumps with direct control to adjust levels of clear or contaminated water, acid or alkaline aqueous solutions of any density. Do not use for ketonic and aromatic hydrocarbons.

Sealed outer chamber in pressure blown moplen, resistant to chemical agents and shock- proof. Sealed inner chamber. Counterweight with adjustable position for variation in level differential. Moplen cable gland die- cast onto the electric cable. Insulation class: II Test class II. Electric cable type A05VV- F 3x1 RF60 CEI- UNEL 35746. Contact rating 10(4) A 250 Vac. Double insulation 4 kW. Compliance with standards: EN 60730- 1, EN 60730- 2- 16 - TÜV approval



DESCRIPTION

model	Cable length	Pressure max immersion	Differential level mm.	T max °C	Cable type	Protection	Float mm
RLIA94C	5	10		60		IP68	80
RLIA94D	15	10		60		IP68	80
RLIA95A	3	10	750 max	60	PVC	IP68	77
RLIA95B	10	10	750 max	60	PVC	IP68	77

TECHNICAL SPECIFICATIONS

Insulation class:	II
Test class:	II
Contact Rating:	10(4) A250Vca.
Double insulation:	4kW
Electrical cable:	RLIA94-95 type A05VV- F 3x1 RF60 CEI- UNEL 35746 for industrial water
Standard:	CEI EN 61058-1



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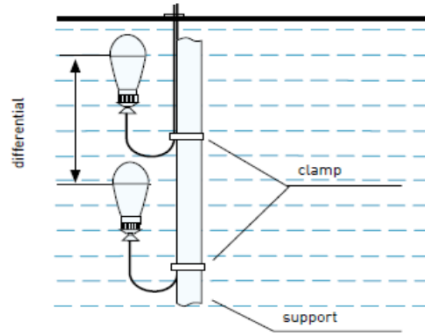
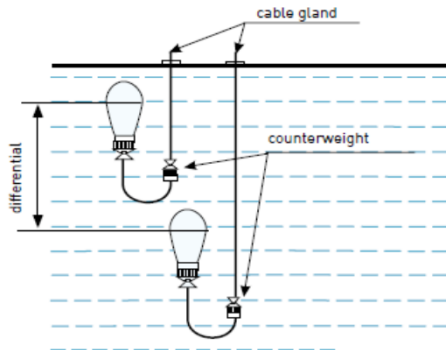
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OPERATION

RLIA94 To control a pump, two float switches are required: one for minimum level, another for the maximum level. In case of signalling the minimum or maximum level, it can be used just one float switch.

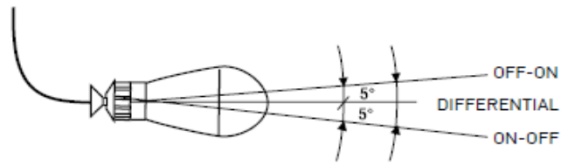
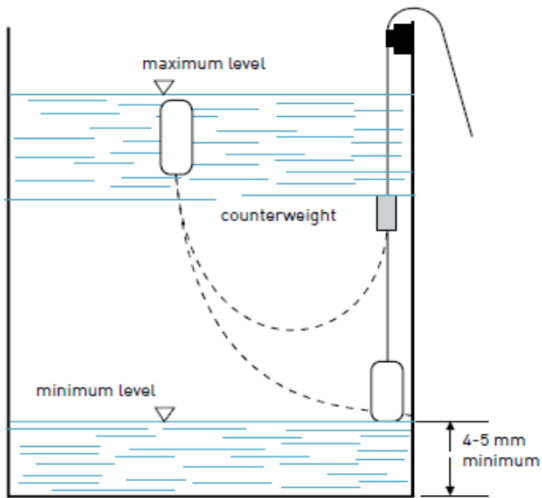


RLIAA95

Controlled liquid: water.

Submersible sealed float.

Level differential is obtained by adjusting the counterweight position along the cable.



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