finder 72.B1 Float Level Regulator Instructions

Contents

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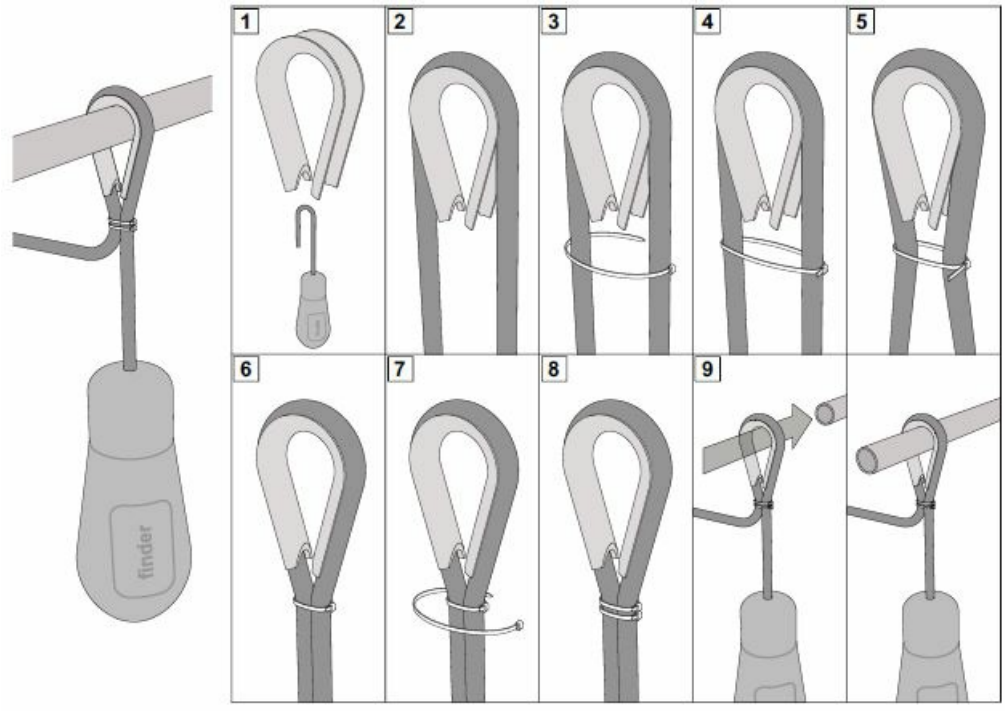
Product Information

The 72.B1 is a float level regulator made in Italy by Finder S.p.A. con unico socio. It is designed to regulate water levels in tanks and is used in pairs of two of the same type to regulate water levels to a certain height. One regulates the minimum level and the other regulates the maximum level. The regulator has electrical values that must not be exceeded by the maximum load power. The black wire must be insulated to ensure proper usage. The float must be replaced if there is cable damage by the final user or installer. Tampering with the float switch will lead to the automatic cancellation of the product warranty.

Product Usage Instructions

1. Before any operation on the float, disconnect the power supply from the main power.
2. Use two of the same type of 72.B1 to regulate water levels to a certain height.
3. Attach one regulator to regulate the minimum level and another to regulate the maximum level.
4. Ensure that the maximum load power does not exceed the float’s electrical values.
5. The tank fills when the float is down.
6. The high level starts the pump.
7. The tank drains when the float is up.
8. The low level stops the pump.
9. Do not make any joint on the cable of the float switch, as immersion of such joints could cause short circuits or electrical shocks.

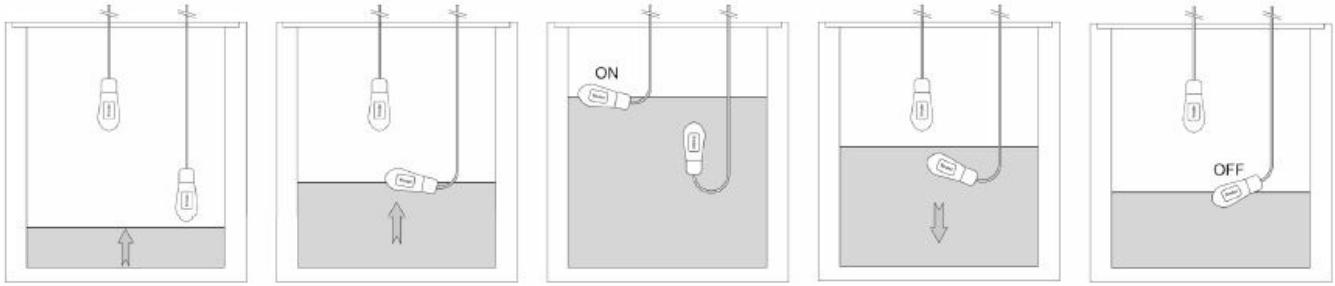
INSTALLATION



NOTES: DO NOT TAMPER WITH THE FLOAT SWITCH. THE NON-RESPECT OF THE FOLLOWING POINTS WILL AUTOMATICALY CAUSE THE CANCELLATION OF THE WARRANTY OF THE PRODUCT
Before any operation on the float remember to disconnect the power supply from the main power. Check that the maximum load power does not exceed the float's electrical values. In case of cable damage by the final user or installer, the float must be replaced. Do not make any joint on the cable of the float switch, as immersion of such joints could cause short circuits or electrical shocks.

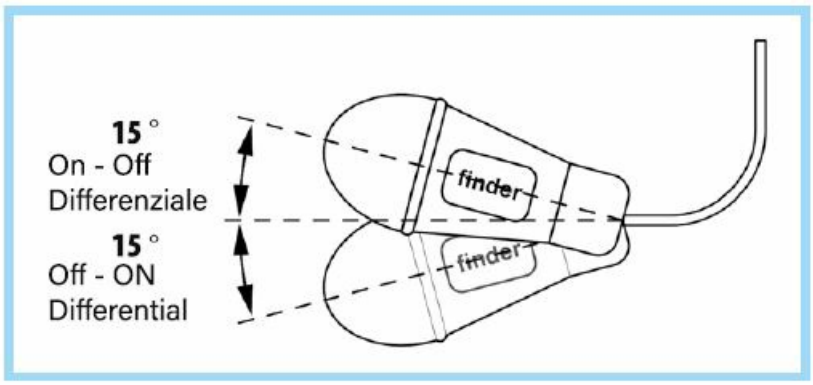
USE

Unlike normal floats, the level regulator is used in pairs of two of the same type to regulate water levels to a certain height: one regulates the minimum level and the other regulates the maximum level.



TECHNICAL FEATURES

- **AC:** Max 10 A (250 V) resistive load
- **Operating temperature:** max. +50°C
- **Wire gauge:** 7 mm
- **Max working pressure:** 10 BAR
- **Protection Grade:** IP 68
- **ACTIVATION ANGLE:** 15°

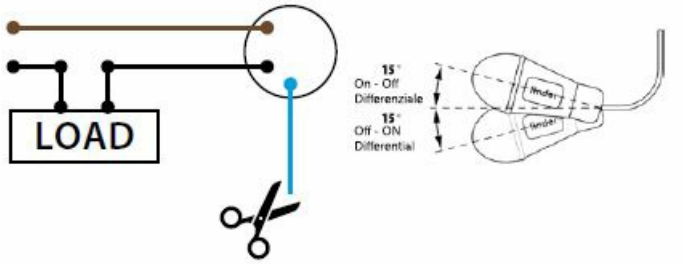


TERMINAL CONNECTIONS

The upstream circuit must protect the electric wires from the overcurrent.
WARNING
Lack of protection shall null and void the warrany in the event the float breaks.

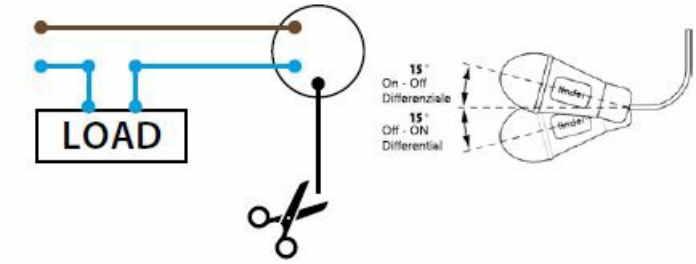
- **Emptying: (Fig.2)** when black and brown wires are used, the circuit opens when float is down and closes when the float is up. Note: the blue wire must be insulated

Fig.2 EMPTYING



- **Filling: (Fig.3)** when brown and blue wires are used, the circuit closes when float is down and opens when the float is up. Note: the black wire must be insulated

Fig.3 FILLING



Documents / Resources

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