

Float level regulator NIVOSTOP® - MEZZO

SAFETY INSTRUCTIONS

- The operation of the device must be in accordance with and strictly limited to the applications, as mentioned further on and on data-sheet.
- Installation, commissioning and maintenance must be carried out by qualified personnel.
- Only connect the device to the voltage specified in the technical features and on the label.
- Disconnect all power sources from the device during interventions or maintenance tasks.

APPLICATIONS

NIVOSTOP® MEZZO are designed for level regulation of liquids between two levels. Indeed, its 120° differential allows with a single switch, the starting and stopping of a pump.

INSTALLATION

The differential between the levels to trigger depends on the cable attachment point and free length of cable. The fixed rotation axis can be a fixing point on a rigid stem (plus a cable tie), or a counterweight positioned on the cable.

**Warning : Do not put the end of the cable in water.
The device must remain permanently on the surface of the liquid.**

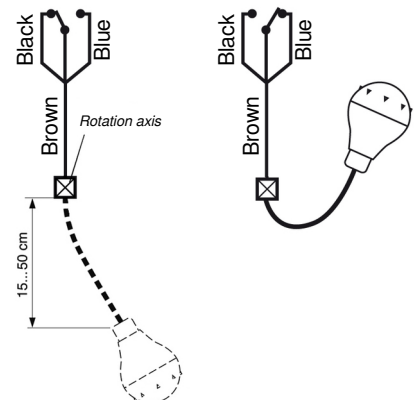
The correct operation of the NIVOSTOP® MEZZO, between low and high levels, is conditioned by the distance between the fixed rotation axis and the float. This distance is at a minimum 15 cm and maximum 50 cm.

Depending on the distance between the fixed rotation axis and the float, the difference between the low and high trigger points will be 30 to 60 cm; Consider as well the effect of the agitation of the liquid.

The counterweights are adjustable all along the cable. They will be positioned at about 15 cm (minimum) from the float and up to 50 cm (maximum).

Be careful to use cable tie or any other fixing device (instead of a counterweight) which can damage the cable and the regulator. The cable ring and clamp fasteners are highly recommended for all cable-suspended devices to avoid damage to the electric cables.

Electrical connections



Accessories

Ballast; Ring fastener; Clamp fastener



TECHNICAL FEATURES

Operation	Multidirectional
Maximum pressure	Atmospheric
Protection	IP 67
Maximum temperature	+40 °C
S.G. limits	0.95 ... 1.10
Switching angle	120°
Switch type	Change-over microswitch
Switching power	16 (6) A / 250 V
Cable	PBS (Ø 9 mm), 3x1 mm²
Body	PP (Ø 85 mm, height 125 mm)
Counterweight	0.230 kg
Cable lengths	6, 10, 15, 20 m

CE Conformity: The device meets the legal requirements of the current European Directives.

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