

# Float level regulator NIVOSTOP® - MEZZO

- Regulation between two trigger points
- Change-over microswitch
- High switching power
- Switching angle 120°
- Cable lengths: 5, 10 and 20 m



## APPLICATIONS

Level regulation between two points for drain or fill function:

- Clear water, clean water, rainwater
- Liquids slightly aggressives (oils, sludge, paints)

## DESCRIPTION

NIVOSTOP® MEZZO are designed for level regulation of liquids between two levels.

A large differential between trigger points allows automation of a pump with only one regulator. With the large differential, switches on and off are smooth for the pump or the automation devices.

The differential between low and high levels depends on the distance between the float and the attachment point of the cable. When NIVOSTOP® MEZZO is used with an adjustable counterweight along the cable, it is the distance between the counterweight and the float that determines the differential.

**Caution: The regulator must float on the varying surface of the liquid.**

## TECHNICAL FEATURES

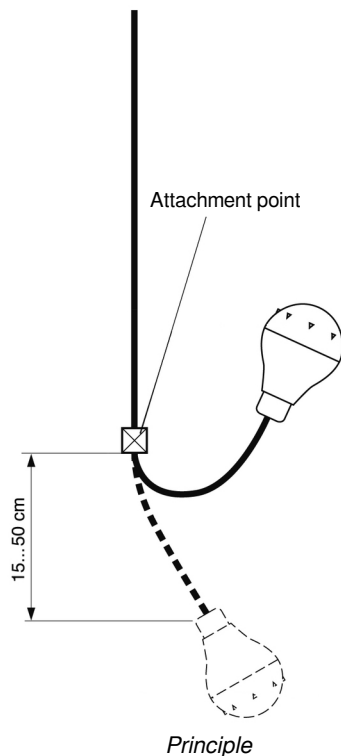
Operation	Multidirectional
Pressure max.	Atmospheric
Protection	IP 67
Temperature max.	+ 40 °C
S.G. limits	0.95 ... 1.10
Switching angle	120°
Switch type	Change-over microswitch
Switching power	16 (6) A / 250 V
Cable	PBS; O.D. 9 mm; 3 x 1 mm <sup>2</sup>
Body	PP
	Ø 85 mm; height 125 mm
Counterweight	0.230 kg
Cable lengths	10, 15 or 20 m

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

## REGULATION BETWEEN 2 LEVELS

The correct operation of NIVOSTOP® MEZZO regulator, between low and high levels, depends on the distance between the rotation axis fixed point and the float. This distance must be between 15 cm (as a minimum) and 50 cm (as a maximum).

Depending on this distance, as well as the agitation of the liquid, the difference between the low and high trigger points level will be 30 to 60 cm.



**BAMO** INTERNATIONAL

22, Rue de la Voie des Bans · Z.I. de la gare · 95100 ARGENTEUIL

Tel +33 (0)1 30 25 83 20 Web [www.bamo.eu](http://www.bamo.eu)

Fax +33 (0)1 34 10 16 05 E-mail [export@bamo.fr](mailto:export@bamo.fr)

Float level regulator  
**NIVOSTOP® - MEZZO**

12-07-2018

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## CODE NUMBERS AND REFERENCES

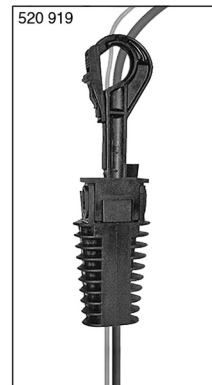
Code	Reference	Description	Mass (kg)
522 122	NIVOSTOP® MEZZO L120 / PBS5	NIVOSTOP® MEZZO 120° - Câble PBS, longueur 5 m	0.6
522 123	NIVOSTOP® MEZZO L120 / PBS10	NIVOSTOP® MEZZO 120° - PBS cable, 10 m long	1.0
522 124	NIVOSTOP® MEZZO L120 / PBS20	NIVOSTOP® MEZZO 120° - PBS cable, 20 m long	1,6
Mounting accessories			
520 906	Counterweight	Counterweight for NIVOSTOP MEZZO	0.230
520 917	Cable tie	For 1 cable	-
520 919	Cable double clamp	For 2 cables	-

## INSTALLATION, RECOMMENDATIONS

The adjustable counterweight on the cable is mandatory for a correct operation of the regulator. It allows the cable to remain tight and insure a right point of rotation.

Positioned about 30 cm from the floats, it can be moved away or closer to the float depending on the more or less agitated liquid in which it is installed.

The cable tie or cable double clamp, inexpensive and often neglected accessories, are strongly recommended for all suspended devices to avoid deterioration of electrical cables.



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