



AX-LS-NLX



AX-LS-NWN

Product Overview

The AX-LS-N are a range of Liquid Level Float switches for level switching of various liquids in tanks, shafts etc. The units are water resistant and (according to version) suitable for use with clean, drinking or waste water. The float contains a micro switch inside a water tight enclosure and is connected by a flexible cable. These switches can be used for a variety of different control tasks such as liquid level monitoring and pump control.

Features

- Easy installation
- High or low level alarm
- Standard 5, 10 or 20m cable options
- IP68 protection

Product Specifications

Standard Cable Length:	5, 10 or 20 metres
Switching Element:	Microswitch
Float Material:	Polypropylene
Protection Class:	IP68
Medium Density:	0.8 g/cm ³
Ambient Temperature Range:	0 to +50°C
Electrical Life-span:	10,000,000 operations
Cable:	9mm outside diameter, with 3 off 1mm ² wires
Country of Origin:	Hungary

	AX-LS-NLP	AX-LS-NLN	AX-LS-NWN	AX-LS-NWP
Media:	Liquids with low solid content	Drinking Water	Waste Water	Waste Water
Cable Material:	PVC	Neoprene	Neoprene	PVC
Float Material:	Polystyrene	Polystyrene	(Not applicable)	Polypropylene
Pressure Rating:	1 bar maximum	1 bar maximum	2 bar maximum	1 bar maximum
Contact Rating:	10(4)A, 250Vac	10(4)A, 250Vac	10(3)A, 250Vac	10(4)A, 250Vac
Switching:	± 45° angle	± 45° angle	400mm differential	± 45° angle

Order Codes

AX-LS-NLP-105	Float level switch for low solid content liquid - 5 metre PVC cable
AX-LS-NLP-110	Float level switch for low solid content liquid - 10 metre PVC cable
AX-LS-NLP-120	Float level switch for low solid content liquid - 20 metre PVC cable
AX-LS-NLN-105	Float level switch for drinking water - 5 metre Neoprene cable
AX-LS-NLN-110	Float level switch for drinking water - 10 metre Neoprene cable
AX-LS-NLN-120	Float level switch for drinking water - 20 metre Neoprene cable
AX-LS-NWN-105	Float level switch for waste water - 5 metre Neoprene cable
AX-LS-NWN-110	Float level switch for waste water - 10 metre Neoprene cable
AX-LS-NWN-120	Float level switch for waste water - 20 metre Neoprene cable
AX-LS-NWP-105	Float level switch for waste water - 5 metre PVC cable
AX-LS-NWP-110	Float level switch for waste water - 10 metre PVC cable
AX-LS-NWP-120	Float level switch for waste water - 20 metre PVC cable
AX-LS-NLN-CW	Cable Counterweight for Float Switch

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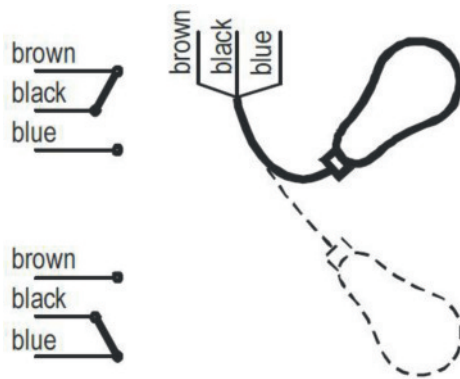
Installation

Installation must be carried out by a suitably trained electrician, and in accordance with the relevant statutory regulations in place.

Any desired liquid level can be achieved by moving the cable fixture in an up or down direction - see installation diagrams.

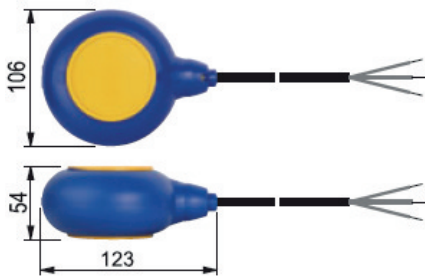
1. Ensure that all power is disconnected before carrying out any work on the float switches.
2. For AX-LS-NL switches:- Insert the cable through the counterweight from the conical end and rotate it, thus causing the plastic ring inside to become detached. The ring should then be positioned at the point where it is desired to hold the counterweight. Using slight pressure, force the counterweight onto the plastic ring to hold it in place. The desired on/off differential is obtained by simply lengthening or shortening the cable fixture point.

Wiring

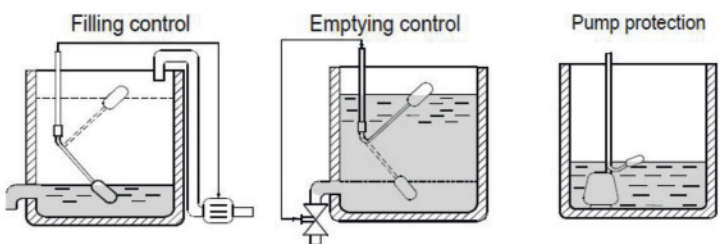
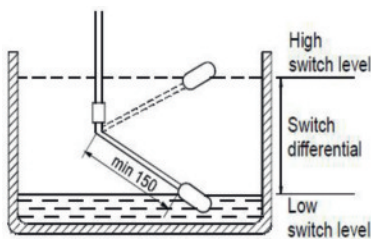
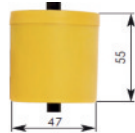


Dimensions and Installation

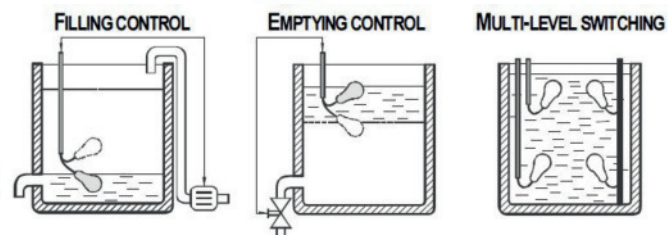
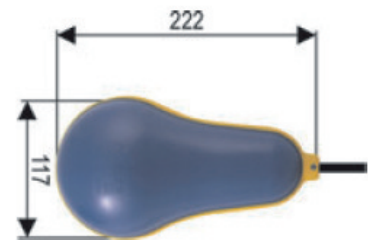
AX-LS-NLx



Counterweight



AX-LS-NWN



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