Electrical Connection:

Before connecting to electricity, rectifying faults or carrying out maintenance work, the electrical system must be disconnected from the power supply. Ensure that neither water nor moisture can enter via the cable ends.

Assembly:

Ground/PE: yellow/green

Operating Instructions

The N1 level regulator is a two-point regulator, specially designed for use in wastewater treatment plants and in pump stations which handle liquids polluted with solids. Due to its good chemical properties, it is resistant to a wide range of liquids.

Applicable harmonised standards:
- DIN EN 60730-1 (VDE 0631-1)
- DIN EN 60730-2-15 (VDE 0631-2-15)
- DIN IEC 60730-1 (VDE 0631-1)

Coelbe, 21/01/14

Dr.-Ing. Jochen Knake
Managing Director

Wolfgang Seip
Quality Management

Maintenance:
If the float switch is installed and assembled correctly, it should work practically maintenance-free for many years. Depending on the level of contamination in the medium, the system only needs to be checked from time to time and the float switch cleaned if necessary.

The NIVA N1 Level Regulator is approved by TÜV Rheinland

EC Declaration of Conformity
in accordance with
EC Low-Voltage Directive 2006/95/EG
EC Environmental Protection Directive RoHS 2002/95/EG

We, NOLTA GmbH, 35091 Coelbe,
hereby declare that the products manufactured by us comply with the current fundamental requirements with regard to safety and environmental protection as outlined in the EC directives with regard to their design and construction and this also applies to the version brought to the market by us. This declaration becomes null and void if alterations are made to the level regulator without being agreed with us beforehand.

Applicable harmonised standards:
- DIN EN 60730-1 (VDE 0631-1)
- DIN EN 60730-2-15 (VDE 0631-2-15)
- DIN IEC 60730-1 (VDE 0631-1)
Operating Instructions

Level Regulator
N1 / N1 pro (Dual switch)

The N1 level regulator is a two-point regulator, specially designed for use in wastewater treatment plants and in pump stations which handle liquids polluted with solids. Due to its good chemical properties, it is resistant to a wide range of liquids. It can be used to fill or to empty.

Nominal Values - CE

Nominal Values:
- Max. Operating temperature N1 pro: 85°C
- Max. Operating temperature N1: 60°C
- Max. Power ratings: 10(8)A / 250 V, 10(4)A / 400 V
- Switching angle: 45°
- Protection type: IP68 / 2 bar
- Protection class: II
- Housing: Polypropylene (PP)
- Length/Width/Height in mm: 135 / 81 / 44
- Cable quality N1 pro: proResist (TPE) 4G 0.75 mm²
- N1: H07RN-F4G 0.75 mm²

The NIVA N1 Level Regulator is approved by TÜV Rheinland.

EC Declaration of Conformity

We, NOLTA GmbH, D-35091 Coelbe, hereby declare that the products manufactured by us comply with the current fundamental requirements with regard to safety and environmental protection as outlined in the EC directives with regard to their design and construction and this also applies to the version brought to the market by us. This declaration becomes null and void if alterations are made to the level regulator without being agreed with us beforehand.

Applicable harmonised standards:
- DIN EN 60730-1 (VDE 0631-1)
- DIN EN 60730-2-15 (VDE 0631-2-15)
- DIN IEC 60730-1 (VDE 0631-1)

Electrical Connection:

Before connecting to electricity, rectifying faults or carrying out maintenance work, the electrical system must be disconnected from the power supply. Ensure that neither water nor moisture can enter via the cable ends.

Ground/PE: yellow/green

Maintenance:
If the float switch is installed and assembled correctly, it should work practically maintenance-free for many years. Depending on the level of contamination in the medium, the system only needs to be checked from time to time and the float switch cleaned if necessary.