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Operating Instruction

Level Regulator MS₁



The MS 1 level regulator is a single-point regulator, specially designed for use in wastewater treatment plants and in pump stations which handle liquids polluted with solids. Thanks to its good chemical properties, it is resistant to a wide range of liquids.

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Nominal Values:

0.95-1.0 depending on model Specific weight

80° C max. Operating temp.

1mA / 4 V - 5A / 250 V Power

Switching angle 10°

Protection type: IP68 / 2 bar

Protection class

Polypropylene (PP) Housing 190 mm / 100 mm Height/diameter Cable TPR3x0,75mm²

Resistance List:

Raw sewage, faecal discharges, slurry, household sewage, discharge water from washing machines, baths and showers, detergents, emulsions containing petrol, diesel oils, fats, oil, acids etc. rain water, groundwater, chlorinated water, saltwater brine, vegetable oils, fruit acids, alcohol

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:

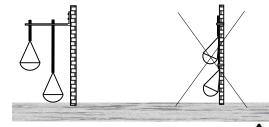
- DIN EN 60730-1 (VDE 0631-1)
- DIN EN 60730-2-15 (VDE 0631-2-15)
- DIN IEC 60730-1 (VDE 0631-1)

Coelbe, 28/10/2013

Dr.-Ing. Jochen Knake Managing Director

Wolfgang Seip **Quality Management**

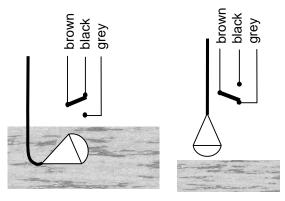
Assembly:



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.



To fill: connect brown - grey To empty: connect brown – black The unused wire must be insulated

Maintenance:

If the float switch is installed and assembled correctly, it should work practically maintenancefree 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.