

Level Regulator M 3



Operating Instruction
11 2142 / 10.2013

The Niva M3 level controller was developed especially for use with barrel pumps. With a max. diameter of only 44mm it can operate in barrels with a 2" bung hole.

This way simple solutions such as barrel and drum emptying may be realized. The TPK/PVC Cable is resistant to a multitude of liquids and ensures a maintenance free operation.

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Nominal Values:

max. Operating temp.	80° C
Power	1mA / 4 V – 5A / 250 V
Switching angle	10°
Protection type:	IP68 / 2 bar
Protection class	II
Housing	Polypropylene (PP)
Height/diameter	120 mm / 44 mm
Cable	TPR3x0,5mm ²

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)

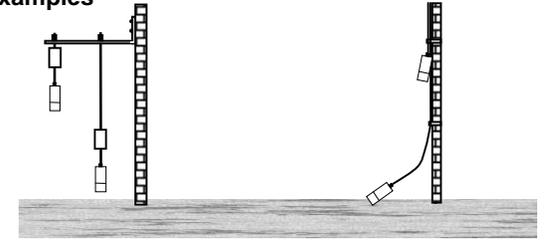
Coelbe, 28/10/2013

Dr.-Ing. Jochen Knake
Managing Director

Wolfgang Seip
Quality Management

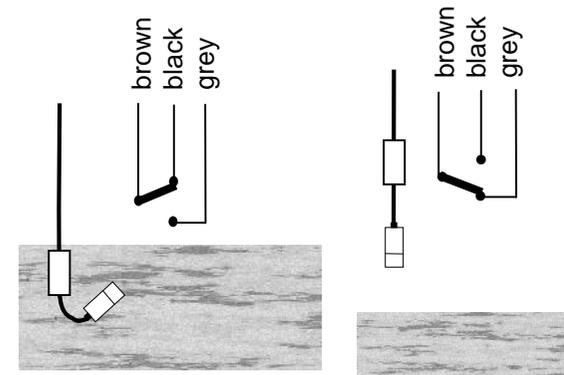
Assembly:

Examples



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 – black

To empty: connect brown – grey

The unused wire must be insulated

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.