

Instruction Manual

Niveau regulator MS 1 C



The Niveau regulator **MS 1 C** is a single point controller that is especially designed for use in extreme applications. It has a very high chemical resistance and is suitable for use in temperatures up to 100° C. The switch has gold plated contacts and can operate in circuits with a low switching current.

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Nominal data - CE

Nominal data:

Specific weight	0.95-1.05 or as requested
Max. operational temp.	100° C
Current	1mA / 4 V – 5A / 250 V
Switching angel	10°
Protection type	IP68 / 2 bar
Protection class	II
Housing	PP Stamyfan P 56 M 10
Height/Diameter	180 mm / 100 mm
Cable	Teflon FEP 4 G 0,5 mm ²
Cable seal	TPE

Resistance list:

Battery acid, **Petrol**, Drilling oil, **ATE- Brake fluid**, Diesel oil, **Transformer oil**, Fatty acids, **Frost protection**, Transmission oil, **Heating oil**, Hydraulic oil, **Turbine oil**, **Bases**, Milk acid, **Mineral oil**, Motor oil, Lube oil, **Spirits**, Chrome baths, **solvent containing-sulfuric acid containing-acidified liquids**

**EG- Declaration of conformity according to
EG- Low Voltage directives 2006 /95 / EG
EG-Environmental protection RoHS 2002 / 95 /**
We hereby declare
NOLTA GmbH, 35091 Cölbe

That our manufactured products and there conception and design, which we supply, correspond to the relevant provisional safety and environment protection requirements of the EG directives. If the product is altered without our permission, this declaration loses its validity.

Applied harmonization norms:

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

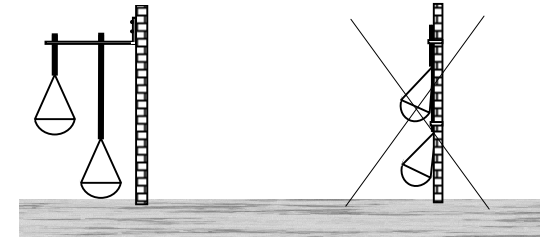
Cölbe, 28.10.2013

Dr.-Ing. Jochen Knake
Director

Wolfgang Seip
Quality Manager

Electrical connection

Mounting:

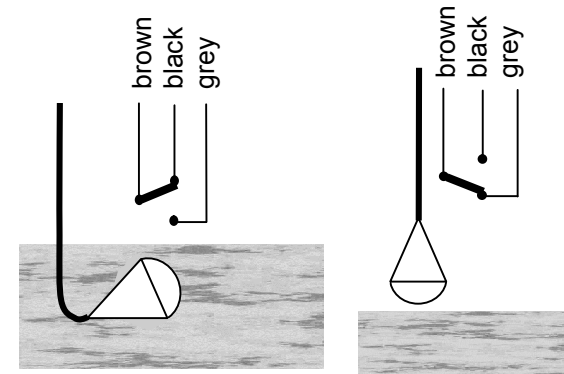


Electrical connection:

Before the electrical connection, problem correction or upkeep the electrical equipment must be switched off.



Make sure that water or moisture does infiltrate the cable ends.



Filling: brown – grey connect
Emptying: brown – black connect

It is imperative to isolate the un-used connection.

Maintenance:

When correctly mounted and installed the float switch works for many years practically maintenance free. Depending on the pollution level of the medium, the float switch may from time to time need to be controlled and any hindrances removed/cleaned.