

## 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. Due to its good chemical properties, it is resistant to a wide range of liquids.

## Nominal Values - CE

### Nominal Values:

Specific weight	0.95-1.0 depending on model
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	190 mm / 100 mm
Cable	TPR3x0,75mm <sup>2</sup>

### 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,

**KSR Kuebler, Niveau-Messtechnik AG**

hereby declare that the products supplied 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. 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)

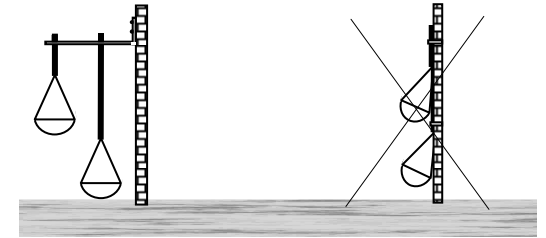
Zwingenberg, Dec. 4, 2013

Dipl.-Ing. Franz-Josef Vogel  
CEO

Dipl.-Kfm. Stefan Fuchs  
CFO

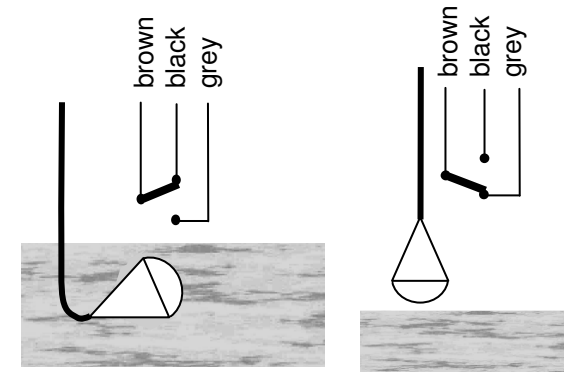
## Electrical Connection

### 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 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.