Level regulator M2

The M2 level regulator is a single switch-point regulator with SPDT switch. Gold plated contacts ensure extra-low voltage monitoring. The M2 can be used in applications with low chemical solutions and liquids with solid fraction. Optionally a cable weight may be used to define and stabilize the switching point.

Operating Instruction

Nominal Values:

Specific weight: 0.95-1.0
max. Operating temp: 80°C
Power: 1mA / 4 V – 2A / 250 V
Contact: SPDT
Switching angle: 10°
Protection type: IP68 / 2 bar
Protection class: II
Housing: Polypropylene (PP)
Height/diameter: 120 mm / 44 mm
Cable: TPR 3x0.5mm²

Declaration of Conformity:

We the manufacturer hereby declare that the electrical equipment (Level regulator) we place on the market bear type, batch or serial number or other elements allowing its identification and comply with the requirements of the following directives and norms:

- Low Voltage Directive 2014/35/EU
- Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) 2011/65/EU
- DIN EN 60730-1 : 2011
- DIN EN 60730-2-15 : 2010

Technical documentation is held by us and is available for inspection. Old equipment can be returned for disposal to NOLTA in Coelbe, Germany.

Coelbe, 20.04.2016

Managing Director
Dr.-Ing. J. Knake

QM Representative
D. Loechelt

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

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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.