

Battery operated sludge level controller MUDLine® TGS



- Portable equipment, battery operated
- Sludge level detection adjustable on site
- Display of depth up to 10 m
- Signaling: Buzzer and LED
- Including: Battery charger 230 V AC

DESCRIPTION

Sludge level controller for:

- Sedimentation basins
- Primary and secondary clarifiers
- Septic tanks

OPERATION

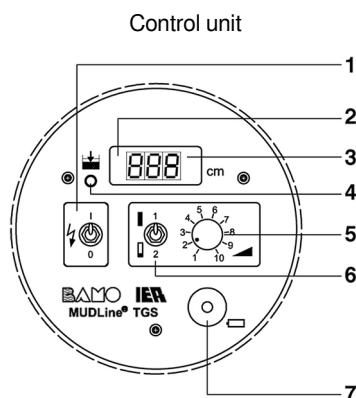
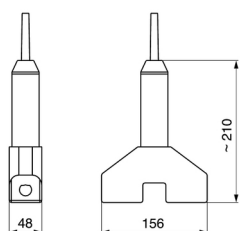
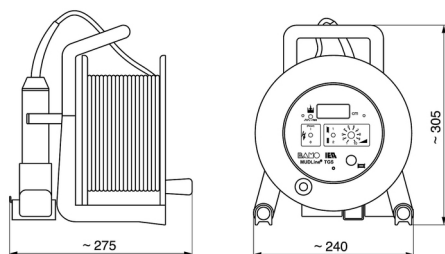
MUDLine consists of a control unit mounted on a cable-drum and a submersible probe with a 10 m long cable.

The probe is equipped with a turbidity sensor for detection of interface between water and sludge, as well as an hydrostatic level sensor to measure the depth of immersion. The depth is permanently displayed on the LCD screen of the control unit. Sensitivity of sensor is switchable between two ranges of sludge concentrations (Low and High).

When sludge is detected, a buzzer sounds and light (red LED) is emitted. A self-hold function of display allows the reading of the depth.

TECHNICAL FEATURES

Measuring range	0... 10 m
Measuring accuracy	About 1 cm
Automatic shutdown	After 7 min of non activity
Autonomy	More than 100 detections of 7 minutes each
Ambient temperature	0... +50 °C
Cable	TPE cable, 10 m long
Material	Probe in PVC
Protection	Probe: IP 68; Handheld housing: IP 44 - EN 60 529
Mass	3.5 kg
Battery charger supply	230 V AC



1	On/Off switch
2	Low battery indicator
3	LCD Display, 3 digits
4	Red LED: sludge detected
5	Adjustment potentiometer for threshold of sludge concentration
6	Selector for concentration range
7	Connector for battery charger

EC Conformity: Guidelines, Low Voltages (2006/95/EC) and Electromagnetic Compatibility (2004/108/EG)

CODE NUMBER AND REFERENCE

Code	Reference
426 100	MUDLine® portable and autonomous sludge level controller

BAMO INTERNATIONAL

22, Rue de la Voie des Bans · Z.I. de la gare · 95100 ARGENTEUIL
Tel +33 (0)1 30 25 83 20 Web www.bamo.eu
Fax +33 (0)1 34 10 16 05 E-mail export@bamo.fr

Battery operated sludge level controller
MUDLine® TGS

02-07-2018

D-426.01-EN-AC

TUR

426-01 /1