

PORTABLE SLUDGE LEVEL MEASURING INSTRUMENT MUDLine® TGS



- Field portable device
- Sludge level detection, immersion depth up to 10 m, in primary and secondary clarifier, thickener, rotten black sludge, sludge level measuring in small sewage plants
- Adjustable threshold of turbidity detection
- Accumulator battery operated

Range of 100 measurement cycles of 7 minutes each

Automatic switched off after 7 minutes

Charging time of 2 h 30 min as a maximum

426

DESCRIPTION

A turbidity sensor (emitter plus receiver) is mounted on an immersion probe with an integrated hydrostatic level sensor. The light beam is in Infra red range at 940 nm.

OPERATION

When the immersion probe reaches the sludge surface, the device switches on an audible alarm and a lightning alarm. At the same time the depth of immersion is displayed on the main housing.

TECHNICAL DATA

Accumulator charger supply: 230 V AC or 12 V DC (*Delivered with device*)
Ambient temperature: 0...+50 °C
Display: LCD-panel 3-digits, immersion depth [cm]
with measured data storage
with "low battery" signal

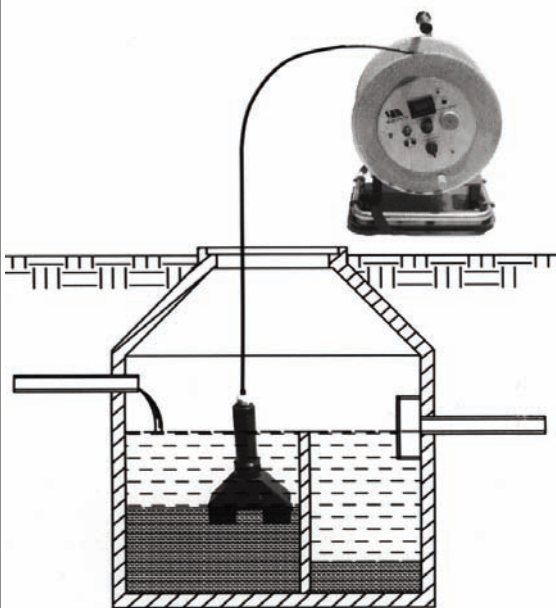
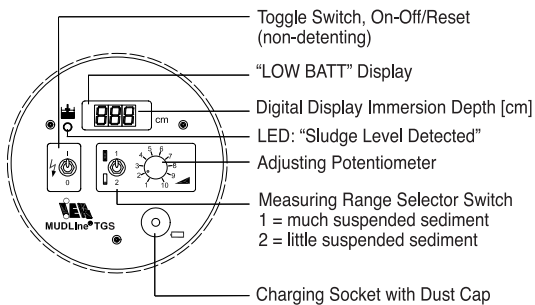
1 LED, red: "Sludge level detected"
1 Buzzer: "Sludge level detected"

Measuring range: 0...10 m
Measuring accuracy: < 1% of full scale
Immersion probe: PVC / IP68 (10m max.) (EN 60 529)
Cable: Special type TPE-cable, 10 m long
Housing and switches: Stand alone with handle
ON-OFF- Lever switch
Sensitivity switch
Sensitivity adjustment potentiometer

Dimensions: 305 x 275 x 240mm

Mass: 3500 g

CE mark: Accordance with low-voltage directiv (2006/95/CE) and EMC directives (2004/108/EG)



Easy and quick sludge level control and measurement

CODE AND DESCRIPTION

Code	Description
426 100	MUDLine® portable autonomous sludge level measurement

BAMO MESURES

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