



GAUGE OLE T5020

Tank Gauging and Monitoring

Item code: T5020-1A-3M

GAUGE OLE T5020 comes with Probe for tanks up to 3m in height. Typical Applications include: Adblue, Diesel, Lubricants, Waste Oil and Water.

ADVANTAGES:

- Accuracy +/- 0.25% or better.
- Two (2) Year Warranty.
- 4-20 mA output + Modbus as standard.
- Weatherproof IP65 enclosures.
- Suitable for any height / shape of Tank.
- Lower Maintenance Costs.
- Alarm Test Functions.
- Two button auto reset operation.
- Single power connection for multi-functions.
- Replaces separate Gauge, High / Low / & Bund Alarms.

FEATURES:

Backlit Display showing

- Contents, Capacity, Ullage, Alarms, Status Bar & Tank Name. (Temperature if requested).

Environment

- IP 65 weatherproof, zone 2 / safe area. For Eexia applications barriers and IS sensors are provided. Display enclosure are RoHS & CE compliant.

Applications

- Single or Multiple Tank Gauging for any liquid or solid. Any tank shape can be programmed in this system. Safe area or Eexiallc, ATEX Zone 0/1 can be accommodated. (Display must be in safe area).

Sensor Options

- Any 4-20 milliamp device can be used to measure the product. As standard OLE utilise pressure transmitters. Options of Ultrasonic, Radar are available. DP sensors are offered for pressurised tanks, either intrusive for ambient liquids, or external for cryogenic applications.

Communications

- The T5020 provides an RS485 Modbus connection into any suitable reader, or can be made into a remote gauge by the addition of an OLE T3100 GPRS web logger and Theft detector and e-mailer.

Free Software

- Software allows Calibration of any shape or size of tank plus manual table entry. User programmable 4 Alarm set Points, rising / falling.



Probe included



ATEX version available

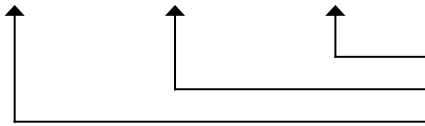
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MODULAR OPTIONS:



Alarms

- **M** = Master alarm provides 110 dB at 1 meter, and has a front panel acknowledge button. Test and Mute function supplied as factory standard.
- **H** = Additional Contact Alarm, such as Low level or Mechanical High Switch (NC).
- **B** = BUND Contact Alarm, for mechanical Switch (NC).
- Additional LED lights or Volt Free Outputs are optional.
- + Bund Alarm (Fail Safe) (**B**).
- + Temperature Of Product.
- + High Level Alarm (**M**).
- + Extra Level Alarm Mechanical (**H**).
Or Low Level Alarm Mechanical.
Or Water Bottom Mechanical.

Inputs / Outputs

Power Supply 18-24 vdc (with optional 110-240 vac power supply)

- Input : 1 x Tank Sensor 4-20 mA (new or existing measuring sensor)
- Input : 2 x Digital inputs, Normally Closed (H and B Alarms)
- Output: 1 x Modbus RS485 with registers for all features
- Output: 1 x 4-20 Output: 4-20 mA proportional to Litres Capacity.
- Output: 4 x Level Triggers. 24vdc as std, or Volt Free Relay Option
- Output: 1 x Bund Condition Digital condition (NC To BMS)



Pressure probe or other
4-20 mA level device



Stainless /NBR
Bund Alarm assembly



1" Tank Access
Fitting IP68



30 mm Tank Access
Fitting IP65

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