



T4020 Features

Backlit Display showing: Contents, Capacity, Ullage, Alarms, Status Bar & Tank Name. (Temperature if requested)

Free Software

Software allows Calibration of any shape or size of tank plus manual table entry. User programmable 4 Alarm set Point (FET outputs)

Installation.

With simplicity in mind, the T4020 system can be installed in less than 1 hour. Sensor into tank, wired to display, mounted on wall or pipe. Plug in lap top configuration. Test Alarm and scroll screen....

Tank Gauge Kits available as standard

Gauge kit to suit up to 1.5 meter high tank = P No T4020-1A-B30

Gauge kit to suit up to 3.0 meter high tank = P No T4020-1A-B23

Gauge kit to suit up to 5.0 meter high tank = P No T4020-1A-B25

Options

B8	Bund Alarm Probe cable and 1" tank fitting
R4	4 x volt free relay contacts, SPDT HH, H, L, LL
R4S	4 x volt free relay contacts, SPDT HH, H, L, Bund
T4020-BV22	This is a 2.5 Meter AdBlue Sensor
T4020-BV25	This is a 5.0 Meter AdBlue Sensor
T4020-01	Gauge programming Kit.
T4020-M1	Mounting kit for wall or 2" pipe or 3" pipe
T4020-B29	Tank sensor for 0.5 to 1.0 meter tanks
T4020-B27	Tank sensor for 5.5 to 10 meter tanks

Advantages

- Accuracy +/- 0.5% 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

Tank Gauge + 4-20mA O/P + Modbus

High Audible Alarm. High or Low LED light.

Alarms Outputs

There are 4 Software settable Level outputs M,1,2 & 3. High Alarm is connected to Master "M"

These are FET's providing supply voltage output when switched, so 12 or 24 vdc outputs. Optional Plug on Relays make these Volt Free connections. Additional flashing lights or control functions are optional, as are Bund and Water bottom alarms on the T4020-1A and T5020-1A range.

Inputs / Outputs

Power Supply 12 / 24vdc and 100/240 vac

Input : 1 x 4-20 mA (either new or existing measuring sensor)

Output: Modbus RS485 and either 1 x 4-20 mA corrected output. (Suitable for most Building Management Systems BMS).

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 submersible Hydrostatic pressure transmitters. Options of Ultrasonic, Radar, and Mag sensors are available. DP sensors are offered for pressurised tanks, either intrusive for ambient liquids, or external for cryogenic applications.

Communications.

The T4020 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 e-mailer.

Standard Accessories

There is a standard tank connection kit supplied with each Gauge. This is a 1" BSPT threaded fitting for tanks with existing access. An expanding fitting for a bored 30 mm hole is also provided. A 6 way terminal strip in an IP65 Junction Box, for Probe and accessory termination.

Plus Wall / Plate mount bracket.

