

FLD

Fuel Level Display for data monitoring in mobile & stationary tanks

FLD is an ATEX certified LED display for real time data monitoring of liquid product quantities in mobile tanks such as road tankers, tanks mounted on trucks, trains, ships etc. and in stationary applications such as storage tank, tall tanks, LPG tanks, diesel generators etc. The display works with the TORRIX Mobile probe and provides data on multiple parameters including compensated product volume.



Continuous real time measurement of multiple parameters upto 5 tanks



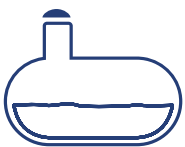
LED display for local data visualization and quick decision making



Inbuilt safety barrier enabling seamless integration to TORRIX RS485 probes



Mobile app for remote data visualization (up to 10m range of display)



Works with VISY-Command as a tank side indicator for forecourts and tall tanks applications



ATEX, IECEx certified with flameproof enclosure

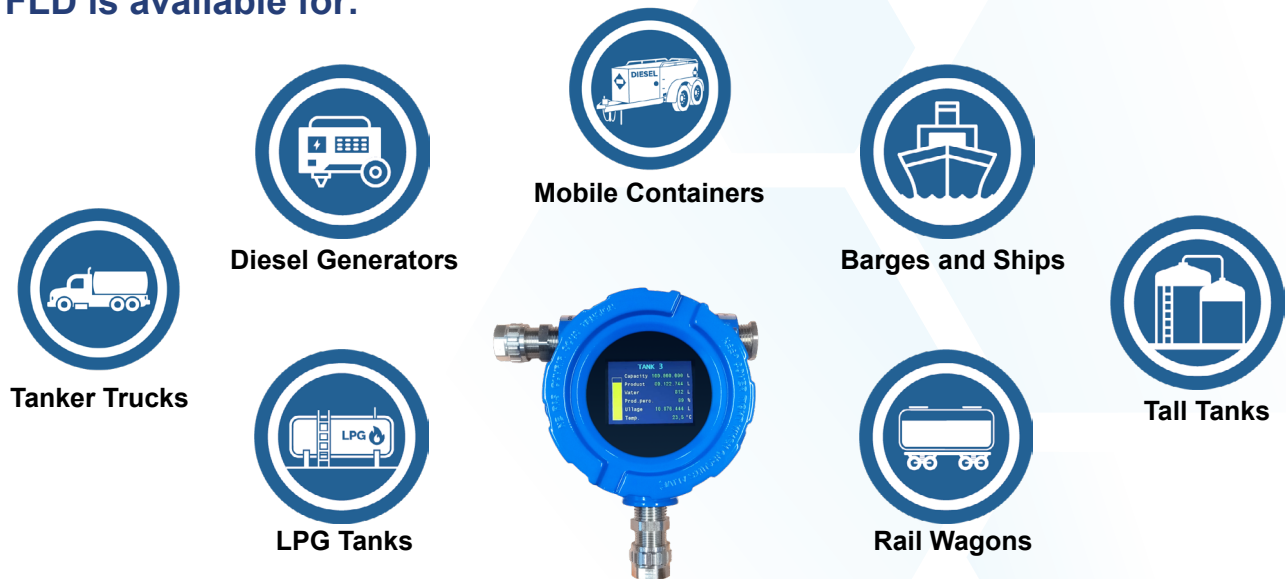


Vibration resistant with integrated inclination sensor to compensate for tank inclination



Easy integration with third party systems via MODBUS output

The FLD is available for:



Technical Data

Specification	Description
Housing	
Protection class	IP66
Material	Aluminium pressure die-casting
Enclosure	Flameproof/explosion proof Ex db enclosure
System description	
No. of probe connection	Up to 5 TORRIX RS485 FUD
Probe input	RS485, FUD Protocol
Output	RS-485, MODBUS or FUD Protocol (transparent mode)
Local configuration	USB Type-C output
Alarm configuration	2 open drain outputs
Inclination sensor	Integrated sensor for slope compensation
Display	
Visualization	Product, water, temperature, volume, ullage
Configuration	Alarms, tank tables, inclination offset, Wi-Fi, metric & imperial (US) units
Power supply range	12V and 24V _{DC} applicable
Technical features	
Operating temperature	-20°C to +55°C
Voltage	10V to 30V _{DC} direct current
Rated current	<500mA
Zener barrier	Integrated safety barrier for intrinsically safe connection
Process connection	2 x 1/2" NPT cable gland, 1 x 1/2" NPT hole plug
Certifications	ATEX, IECEx for use in Zone 1, Ex db certified