



It's hard to know it all.



Efficient, safe management of your depot is complex.

Manual measurement of fuel is time-consuming as well as carrying significant HSSE risk to employee and community safety and the environment. There are multiple variables at play and competing demands for your time and efforts.

In a sophisticated measurement world, it's not just about product level, but also the importance of temperature, water and density. There's a lot to know, all the time.

Know your product, inside and out.

FAFNIR's tall tank solution for oil depots gives you the industry's most sophisticated knowledge of your liquid product – and your peace of mind. A customizable, modular set of components work seamlessly and completely maintenance-free, from our top-quality, high-precision sensors to a connected, intuitive dashboard at your desk. We make it easy – from shipping to installation and configuration.

VISY-Stick Flex level sensor for tall tanks



Field-tested globally across thousands of installations

Fuel depots, solvent storage, barges



Highest quality & reliability sensor, measuring four parameters simultaneously



Maintenance-free



Wireless or cable connectivity



Option for overfill prevention



Easy to configure, no calibration needed



Compact packing for convenient & low-cost shipping



Fueling simplification.

More than one way to feel complete:

Create ultimate trust with our complete solution, or integrate our modular options into your existing system.

1) Complete solution

- "4-in-1" VISY-Flex: product & water floats, temperature sensors, density module
- VISY Core X command module: easy installation, intuitive data management
- SECON X server for universal, real-time, secure data access
- Connected, real-time dashboard

2) Modular integration

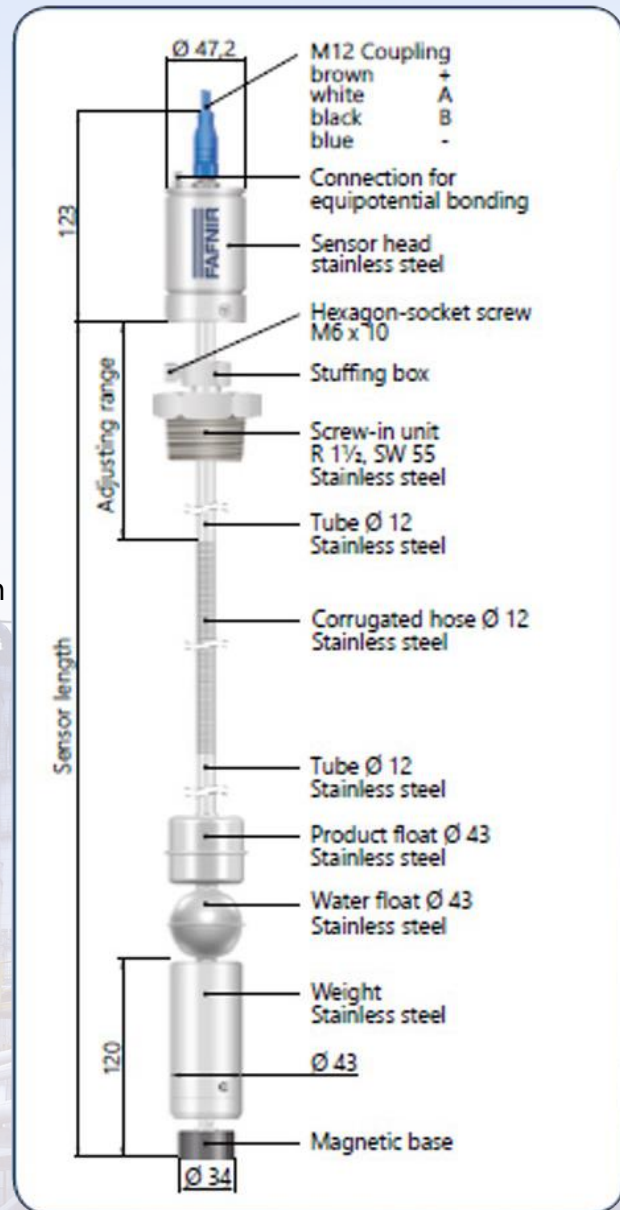
- Standard (sensor + console)
- Overfill prevention for complete risk elimination
- Stable, reliable wireless communication from a long-time expert
- Local or remote management
- Probe to third-party system



Technical data

VISY-Stick Flex

- Probe length
 - Maximum 22 m
- Measuring accuracy
 - Accuracy: ± 1 mm
 - Repeatability: ± 0.5 mm
 - Resolution: 0.001 mm
- Temperature measurement
 - Accuracy: ± 0.5 °C (at 20 °C)
 - 5 x Pt1000 Temperature Sensors
- Temperature range
 - Medium temperature -40 °C to +85 °C
- Optional density measurement
 - Relative accuracy: ± 1 g/l
 - Absolute accuracy: ± 4 g/l
- Process connection
 - Screw-in unit for height adjustable installation R1 1/2", stainless steel 303
- Electrical connection
 - M12 plug connector
- Protection class
 - IP68
- Sensor materials
 - Housing made of stainless steel 303
 - Tube made of stainless steel 316Ti
 - Corrugated hose made of stainless steel 316L
- Weight
 - Stainless steel 303
- Holding magnet
 - Hard ferrite
 - Encapsulation made of steel, nickel-plated
 - Isolation made of conductive plastic (PTFE with graphite)
- Approvals
 - Ex zone 0 (ATEX, IECEx, PESO, NEPSI approval)



Want to discuss what we can do for your business?

Contact us to discover solutions best suited to your needs.