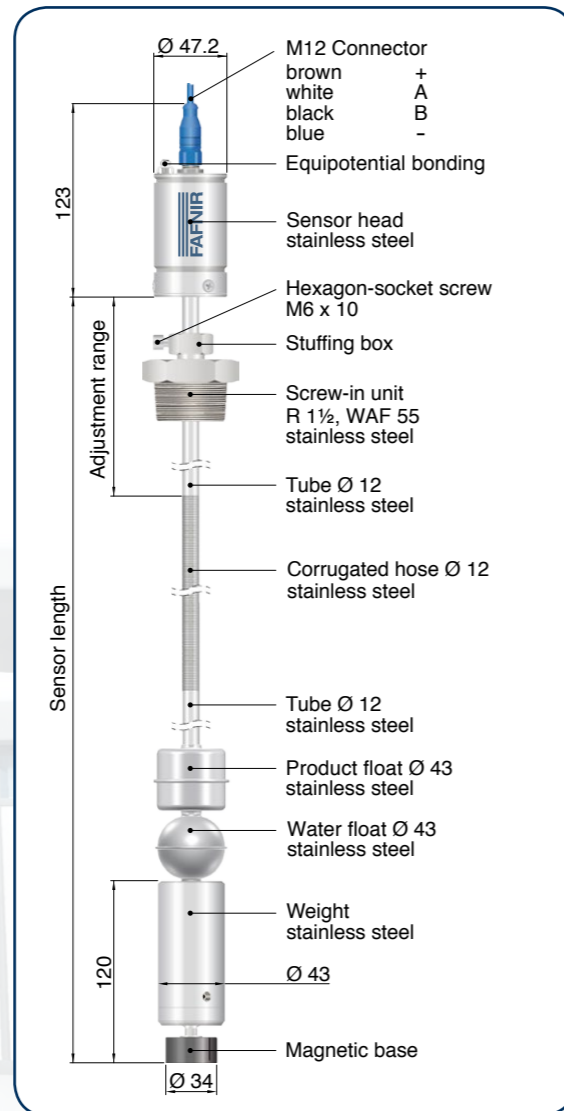


Technical data

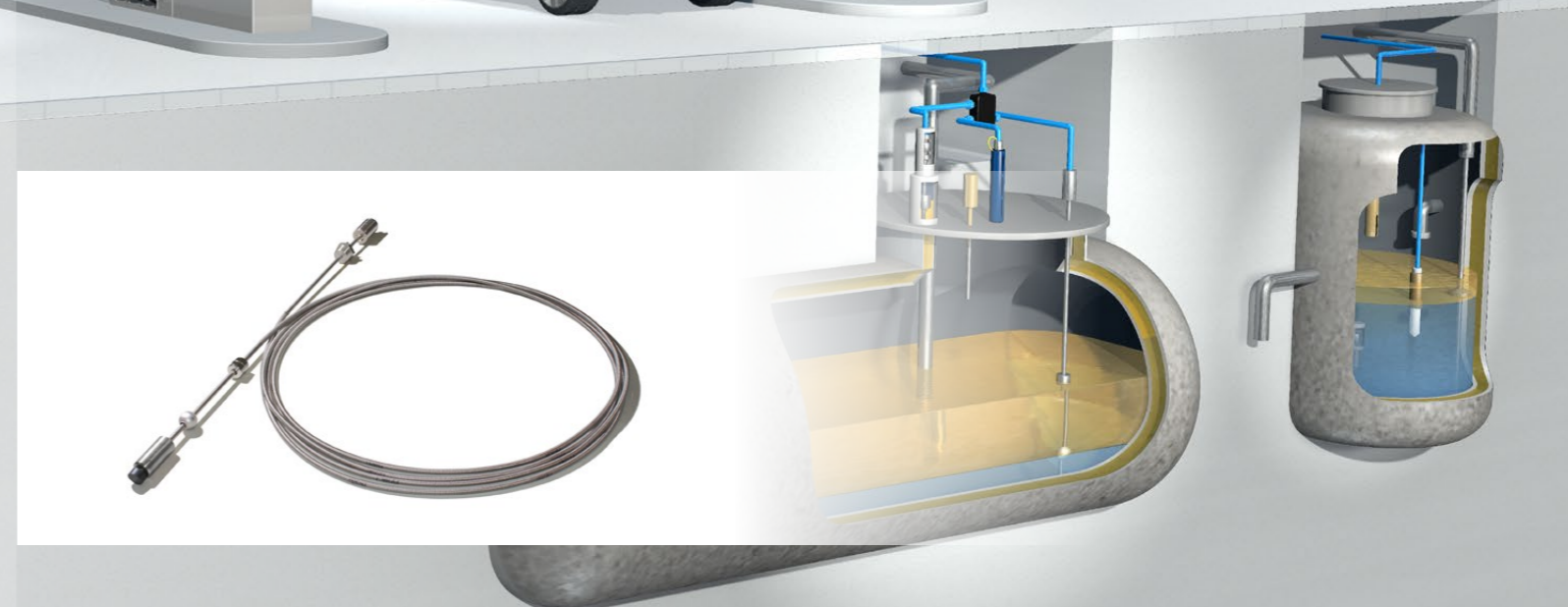
VISY-Stick Flex

- Probe length
 - » Maximum 22 m
- Accuracy
 - » Precision: ± 2 mm
 - » Repeatability: ± 0.5 mm
 - » Resolution: 0.001 mm
- Process connection
 - » Screw-in unit for height adjustable installation R 1½, stainless steel 303
- Electrical connection
 - » M12 plug connector
- Protection rating
 - » 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
- Magnetic base
 - » Encapsulation with conductive plastic (PTFE with graphite)
- Approvals
 - » Ex Zone 0 (ATEX, IECEx, NEPSI approval)
- Temperature range
 - » Medium temperature - 40 °C to + 85 °C



VISY-Stick Flex

Level measurement for tall tanks



Edition 04.2018 Technical changes reserved



FAFNIR GmbH
 Schnackenburgallee 149 c
 22525 Hamburg, Germany
 Phone: +49/40/39 82 07-0
 Fax: +49/40/390 63 39
 E-Mail: info@fafnir.com
 Internet: www.fafnir.com

VISY-X system for tall tanks

The VISY-Stick Flex is a specially designed level sensor for tall tanks. Due to its special flexible design, the sensor can be coiled one-time for simple transportation. This way VISY-Stick Flex can be packed compactly and shipped at a low cost. The VISY-Stick Flex operates according to the

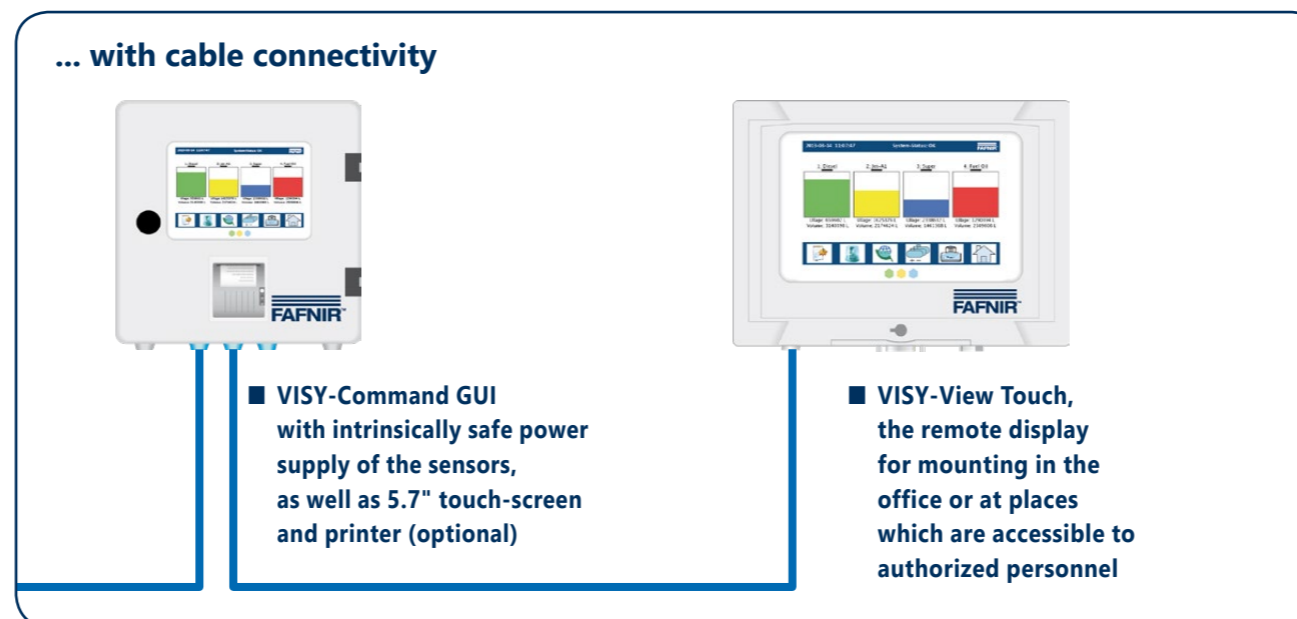
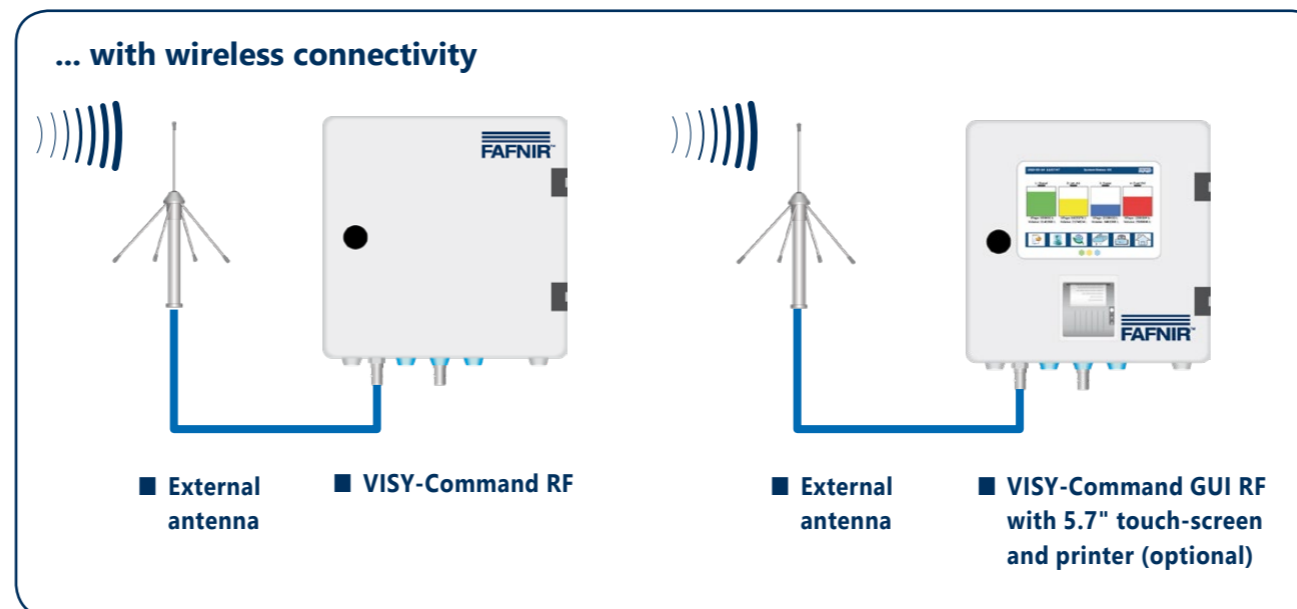
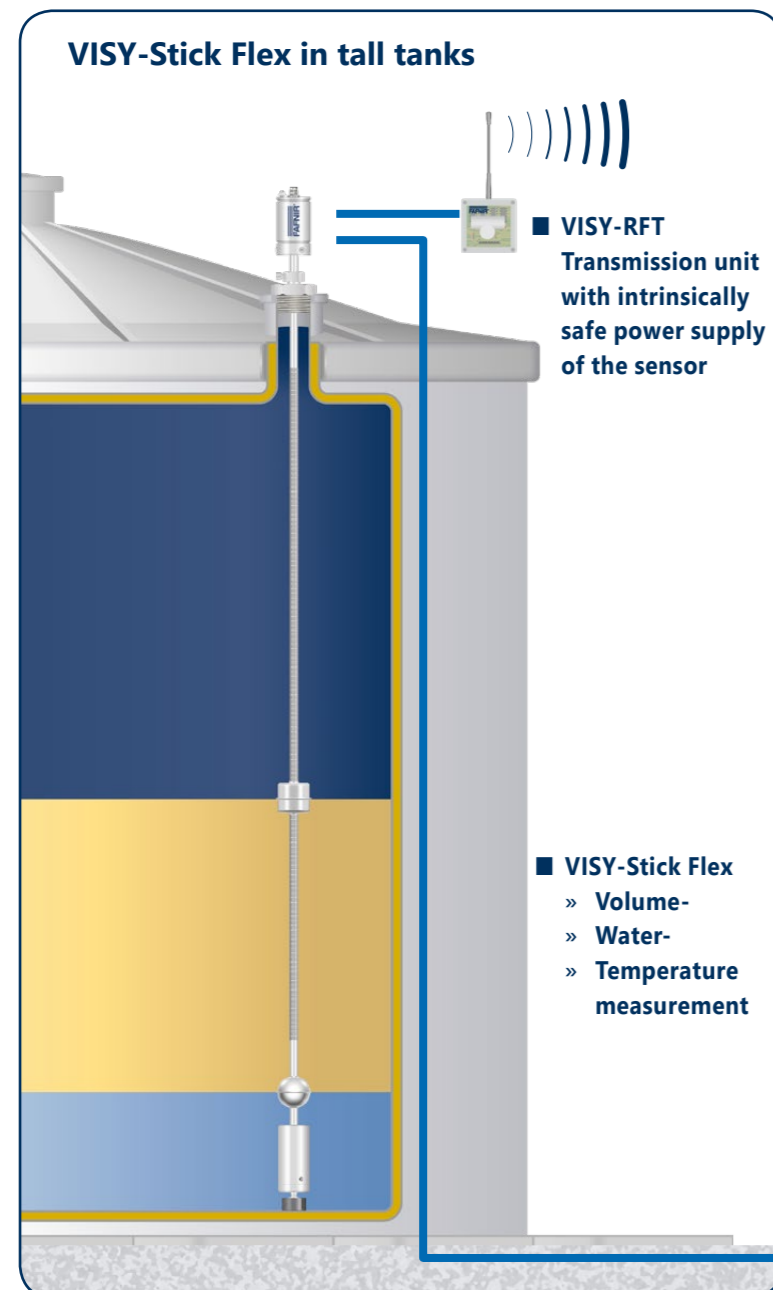
magnetostrictive measuring principle, achieving high levels of accuracy. Another advantage is the easy installation. After installation the corrugated tube of the sensor is stretched by a weight and fixed by a magnet to the bottom of the tank. Thus, the corrugated hose

is positioned vertically and both the product and the water float can move up and down freely. The magnet additionally prevents unwanted movements of the probe tube. The VISY-Stick Flex level sensor can be operated wirelessly, too. The VISY-RFT transmitter (ra-

dio frequency transmitter) transmits the tank data recorded by the sensor wirelessly to the control unit VISY-Command RF (Radio Frequency). The control unit encloses the VISY-RFR receiver (radio frequency receiver) to which one or optionally two external antennas can be connected.

VISY-Stick Flex: The level measurement system for bulk storage tanks

Data recording and monitoring of filling levels



BENEFITS of FAFNIR technology

- 2" opening
- Simple to install and set up
- Sensor length up to 22 meters
- Maintenance free
- Proven magnetostrictive measurement method
- One sensor for product filling level, product temperature and water level
- Reliable measurement
- High precision sensor
- Suitable for use in Ex Zone 0 (ATEX, IECEx approval)
- Measurement of all commercial fuels
- Tested at petrol stations
- Suitable for jet fuels because of stainless steel sensors
- Compact packaging and easy transport thanks to the corrugated tube
- Wireless link to VISY-Command RF possible
- Individual alarms via e-mail (VISY-Command GUI / VISY-View Touch)