

# VISY-Density Module

The highly accurate density measuring module

The VISY-Density Module measuring module allows the determination of the fuel density. It can be mounted on the VISY-Stick Advanced ATG sensor, eliminating the need to install an additional sensor. In combination with the density module the VISY-Stick Advanced can provide accurate information and alarms about fuel level, water level, temperature and the density of the product in the tank.



The magnetostriuctive sensors VISY-Density with screw-in unit (left) and for installation in the riser pipe (right)

## Function

The VISY-Density Module\* is based on the buoyancy principle. It provides precise information as to whether fuel in the tank is in conformity with legal and in-house standards. Any

deterioration in product quality is recognised, triggering alarms for action if necessary.

The VISY ATG and VISY-Density combination will enable you

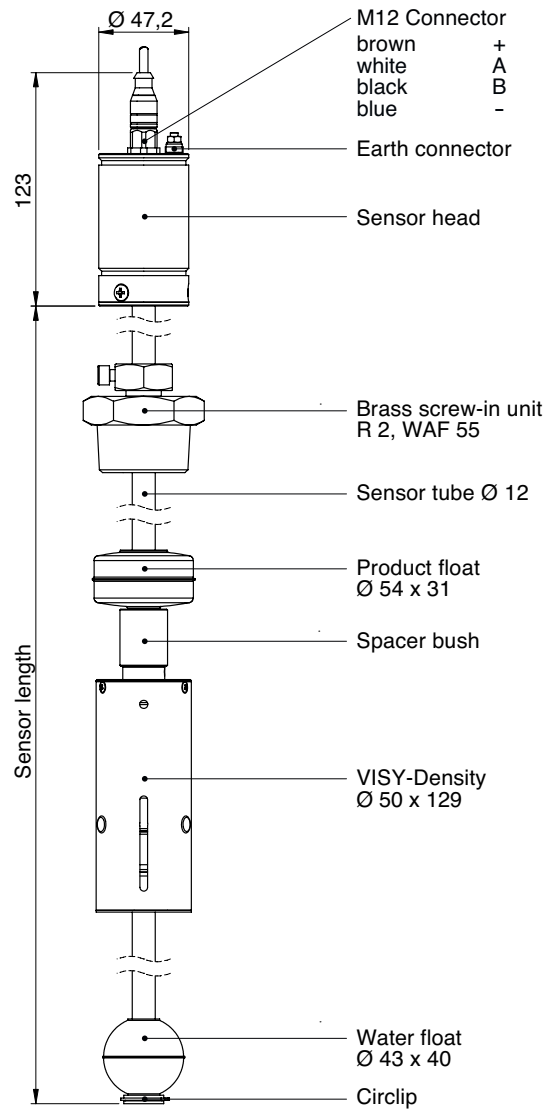
to control and manage your valuable wet stocks in every respect.

\* Patents pending

## Features of FAFNIR technology

- Continuous and hysteresis free density measurement
- Function in conjunction with the level gauge VISY-Stick Advanced
- Compact design
- Quality control of fuels
- Recognition of water containing sump fluids in ethanol blends
- Determination of water content in E85 to E100 fuels

## VISY-Density Module



Dimensions in mm

Example

### Technical Data

#### VISY-Density Module

- » Accuracy  
on a VISY-Stick Advanced:  
better than 2 g/l;  
Resolution: 0.1 g/l
- » Temperature range:  
- 40 °C to +85 °C;
- Dimensions  
Diameter: 50 mm;  
Length: 129 mm
- » Operating pressure:  
up to 16 bar
- » Sensor material:  
Stainless steel 304, 316 Ti