

# NEW ADAPTABLE OMNICOMM LLS 5 AND LLS-EX 5 FUEL-LEVEL SENSORS

Next generation of OMNICOMM fuel-level sensors,  
with 99.5% guaranteed accuracy.

## The challenge of accurate fuel-level measurement

Fuel is one of the biggest expenses for companies with a vehicle fleet, with fuel and labor costs combined constituting up **to 50%** of operational spend. Most modern fleet owners use dedicated fuel monitoring solutions for better visibility and control of fuel costs.

Capacitive fuel-level sensors are the best option for measuring fuel accurately. However, differences in fuel characteristics can cause measurement errors that affect the transparency and accuracy of fuel accounting.

This becomes an issue when changing from one type of fuel to another, such as when refuelling at different stations or switching from winter to summer fuel.



switching  
from winter to  
summer fuel

up to  
**1,5%**



when refuelling  
at different  
stations

up to  
**30%**

Capacitive sensors use a specific characteristic (permittivity) to calculate fuel levels that can differ significantly from the permittivity of fuel used during calibration – causing fuel-level calculation errors of up **to 30%**. Changes in fuel permittivity significantly affect accuracy **in 20%** of cases.

THE NEW GENERATION OF OMNICOMM FUEL-LEVEL  
SENSORS SOLVES THIS PROBLEM

## Discover the new OMNICOMM LLS 5 and LLS-Ex 5

OMNICOMM LLS 5 and the explosion-proof OMNICOMM LLS-Ex 5 use OMNICOMM'S Fuelscan® fuel analysis technology to guarantee unprecedented fuel measurement accuracy of **99.5%** in all conditions. FUELSCAN® compares the physical characteristics of filled fuel with the characteristics of the fuel used for calibration to automatically adjust sensor readings and deliver accurate measurements.

- 99.5% accuracy in all conditions
- IP69K ingress protection rating - safe for high-pressure, hot-temperature washes
- No recalibration, no costly vehicle downtime across sensor's lifetime
- 5-year warranty



## Ask your local OMNICOMM partner about upgrading

Want to find out more about how the next generation of OMNICOMM fuel-level sensors could give you even greater control of fuel costs? Contact your trusted local OMNICOMM partner today and learn more at:

[www.omnicomm-world.com](http://www.omnicomm-world.com) [info@omnicomm-world.com](mailto:info@omnicomm-world.com)