

It is all about knowing LPG Density



LPG has the advantages of clean burning with lower emissions in comparison with petrol and diesel, and can be transported as a liquid at moderate pressure. It is now increasingly used as a vehicle fuel or as an alternative to main gas for domestic and commercial heating.



While large LPG deliveries are mass-based to ensure fair fiscal transactions, « last mile » LPG deliveries are usually performed through volumetric flow meters, insensitive to composition changes and thus, source of uncertainties.



The straightest solution is to add a volume to mass conversion through online density measurement DEVIL®, which will enhance the accuracy to the level required by final customers and MID / OIML regulations.



DEVIL® FOR THE LPG INDUSTRY

High performance sensor and cost-effective method for inline LPG density measurement



Easy installation

With a small footprint, DEVIL® is easily integrated into all types of installations, including delivery trucks, dispensers and storage tanks.



Robust

Thanks to its all-metal construction, DEVIL® is resistant to harsh conditions.



Straightforward integration

DEVIL® plug & play capability makes it easy to link with existing flowmeters registers.



Safe

DEVIL®'s intrinsically safe design is approved for use in hazardous areas.

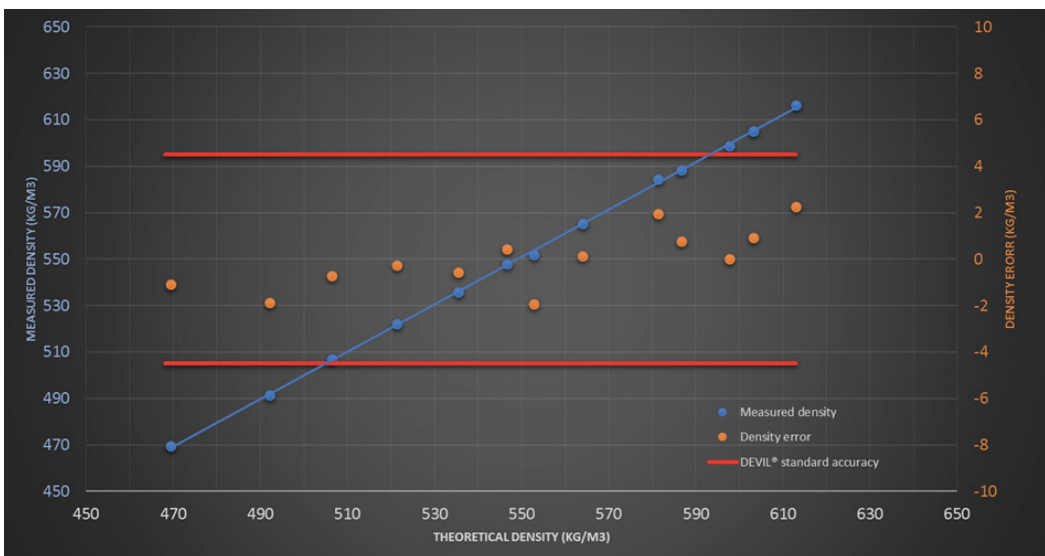


Figure 1: Real-time LPG density monitoring in a range of -10°C to +40°C, providing good linearity and repeatability



Don't wait any longer to upgrade your LPG flowmetering, contact us sales@avenisense.com