

RADAR LEVEL GAUGING SENSORS

CARGORADAR®



FULL DEPTH TANK GAUGING.

INTEGRAL LCD READOUT IN US OR METRIC UNITS OF MEASUREMENT.

REQUIRES INTRINSICALLY SAFE DC POWER SOURCE.

24VDC LOOP POWERED.

4-20MA/HART 2-WIRE CONNECTION.

AVAILABLE FOR ALL PRODUCTS CLEAN TO ASPHALT.

26HZ-80GHZ VERSIONS.

The CARGORADAR® series is a mainstay for your tank gauging needs. Through our OEM Vega Americas' partnership, we've produced a high tech, high accuracy (+/-2mm) non-contact ullage measuring instrument. From 6GHz to the latest 80GHz tightly focused Frequency Modulated Continuous Wave (FMCW) radar transceiver, the CARGORADAR® is perfect for any tank gauging applications with multiple mounting options.

Add a built-in tank pressure sensor, or interface with tank temperature sensors for inherently low power consumption – all while assuring reliability and high performance. Interface possibilities for your tank level data are endless from our Deck Alarm Cabinets (DAC) and ties to software systems such as CargoMax, Helm CONNECT and others.

For cargo tank applications, we can incorporate tank pressure measurement for a clean and simple design. In deep tanks and/or tanks in which no temperature measurements are needed, our radar sensors set the industry standard for level measurement. Recent innovations in 80GHz FMCW transceivers yield unparalleled accuracy and a tight beam- width, allowing smooth installation without in-tank structure interference in over-crowded tanks.



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