



### Overall Summary

For terminal operators, plant engineers, and EPCs who face the daily challenges of balancing custody transfer accuracy, legacy protocol compatibility, and complex setup, Cognesense delivers a complete level measurement portfolio that simplifies operations without compromising precision.

Whether managing custody transfer, blending, or process control, our radar, servo, magnetostrictive, and mechanical gauges provide the reliability, redundancy, and accuracy today's facilities demand to meet API 2350, OIML R85, and IOS4266 guidelines.

With retrofit-ready protocols, wireless connectivity, and the industry's easiest calibration via IR remotes and ground-level displays, upgrading or expanding a system has never been simpler. From legacy integration to digital transformation, Cognesense connects your measurement world with clarity and confidence.

### When Do I Use Each Product?

#### 1 CERTIFIED CUSTODY TRANSFER LEVEL ACCURACY AND PRECISION

Choose the evo 1610 Radar for 0.5mm certified accuracy (NMI / OIML R85) and simple installation and calibration.

#### 2 NON-CONTACT CUSTODY TRANSFER ACCURACY WITH BROAD PROTOCOL FLEXIBILITY AND SUPPORT

Choose the MCG 1600SFI Radar for 0.5mm accuracy, over 20 supported protocols including HART & wireless HART communication for retrofit simplicity, and a broad antenna selection for any product conditions

#### 3 CONTACT CUSTODY TRANSFER ACCURACY WITH INTERFACE LEVEL MEASUREMENT

Choose the MCG 1500 SFI Servo for up to 0.4mm custody transfer level accuracy\*, products with interfaces or density detection

#### 4 GENERAL LEVEL OR PROCESS MEASUREMENT

Choose the evo2600 Radar for up to 1mm accuracy\*\*, e.WAVE echo profiling, broad protocol support, multiple antenna options, and fast e.CAL setup wizard. Great for fixed or floating roof tanks.

#### 5 UNDERGROUND STORAGE OR PRODUCTS WITH INTERFACES

Choose from the MCG 815x line of magnetostrictive probes for high resolution (0.001") of product level plus interface level and average temperature. Meets EPA UST requirements.

#### 6 CLASSIC FLOAT AND TAPE LEVEL MEASUREMENT

Choose the 92021 automatic tank gauge (ATG) offering 1/16" (2mm) resolution. For digital data transfer, get the MCG 2000MAX transmitter with absolute magnetic position encoding without slip or drift, and maintain gauge position data regardless of power failure.



**WHAT YOU GET:** Precision Measurement for Critical Level & Inventory Control Trusted Since 1922

**L&J TECHNOLOGIES**

A Cognesense Brand

\*0.8mm standard accuracy. 0.4mm requires specialty calibration and software at the factory

\*\*3mm standard accuracy. 1mm requires specialty calibration and software at the factory

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### Summary Table

Application	evo 1610 Radar	MCG 1600 Radar	MCG 1500 Servo	evo 2600 Radar	815x Series	92021 ATG w/2000Max
Liquids (density, BS&W)			✓		✓	
Liquids (High Precision)	✓	✓	✓		✓	
Liquids (OIML Certified Precision)	✓					
Liquids (Process or Lower Accuracy)				✓		✓
Liquids (Viscous/Slurry)	✓	✓		✓		
Liquids (Low Viscosity)	✓	✓	✓	✓	✓	✓
Liquids with Solids	✓	✓		✓		
LPG/LNG/Ammonia**	✓	✓	✓	✓		
High Pressure Tanks	✓	✓	✓	✓		✓*
Process Tanks				✓		✓
Underground Storage Tanks					✓	
Tanks with Foam/Agitators	✓	✓		✓		
Biogas Digesters				✓		✓
Readings-Contact with Liquid (economical)						✓