LIQUID MEASUREMENT SYSTEMS
DIGITAL FUEL QUANTITY INDICATORS

OVERVIEW

Liquid Measurement Systems (LMS) engineers and manufactures commercial and military grade Digital Fuel Quantity Indicators to exact specifications. We integrate the latest technologies in delivering digital devices that our customers know they can trust. The LMS Digital Indicator is available in a compact 2" square or round package and can be modified to suit any application.

FEATURES (SQUARE)

- Analog Voltage (up to 7) or Arinc 429 (1 or 2 channels) Inputs
- Standard MS27560 Environmentally Sealed Case
- Continuous display of up to 6 tanks + total
- Error code display
- Mechanical enclosure divides the display into 4 to 7 fields
- Display Control (typically Pounds/Kilograms)
- Lighting Control Input
- Dimming Control Input
- EMI and environmentally tested as per MIL-STD-461/810 or DO-160
- 28VDC Aircraft Power

FEATURES (ROUND)

- Analog Voltage (up to 4) Inputs
- Standard MS33639 2" Round Environmentally Sealed Case
- Single line display shows two tanks simultaneousness or rotates through each tank, total, and an error display indication
- Display Control (typically Pounds/Kilograms)
- Lighting Control Input
- Dimming Control Input
- EMI and environmentally tested as per MIL-STD-461/810 or DO-160
- 28VDC Aircraft Power

OPERATIONAL TEMPERATURE RANGE

- -40°C to +55°C

DIGITAL FUEL QUANTITY INDICATOR (SQUARE)

ANALOG FUEL QUANTITY INDICATOR (ROUND)

LIGHT | SAFE | ACCURATE | BEST VALUE

LIQUID MEASUREMENT SYSTEMS, INC.
FUEL PROBES • CONDITIONERS • FUEL INDICATORS • REFUEL PANELS
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	DO-160G Section and Description	Category
1	Temperature & Altitude	C2
2	Temperature Variation	A
3	Humidity	B
4	Operational Shocks and Crash Safety	B
5	Vibration	S
6	Explosive Atmosphere	E
7	Waterproofness	Y
8	Fluids Susceptibility	F
9	Sand and Dust	D
10	Fungus Resistance	F
11	Salt Fog	S
12	Magnetic Effect	Y
13	Power Input	ZXX
14	Voltage Spike	A
15	Audio Frequency Conducted Susceptibility	Z
16	Induced Signal Susceptibility	ZC
17	Radio Frequency Susceptibility (Radiated and Conducted)	T
18	Emission of Radio Frequency Energy	M
19	Lightning Induced Transient Susceptibility	A4XXXX/A3J3L3
20	Lightning Direct Effects	XXXX
21	Icing	A
22	Electrostatic Discharge (ESD)	A
23	Fire, Flammability	C

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