

High-precision liquid counter for vehicles and stationary objects

Application

LC Ring flow meters are used either as standalone devices or as part of industrial automation systems, stationary object monitoring, transport telematics, and the Industrial Internet of Things (IIoT).

Fields of application:

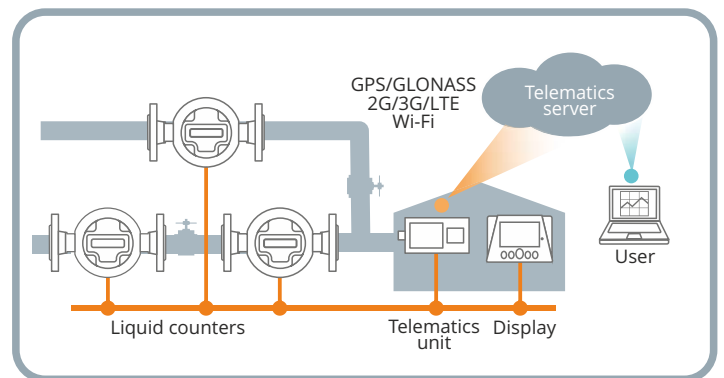
- ✓ mining machinery,
- ✓ marine transport,
- ✓ railway transport,
- ✓ fuel transportation and storage,
- ✓ municipal services.

Tasks

- Liquid flow measurement
- Recording operating time of a pump or fuel consumer
- Standardization of pumped liquid consumption
- Detection and prevention of liquid theft from the pipeline

Specifications

LC Ring model	15	30	60
Minimum liquid flow rate, L/min	0,33	0,66	1,33
Maximum liquid flow rate, L/min	16,5	33,0	66,0
Relative error, %	no more 0,5		
Viscosity of liquid, mm ² /s (cSt)	from 1,5 to 6,0		
Maximum liquid temperature, °C	95		
Maximum liquid pressure, bar	25 (flanged) / 16 (threaded)		
Interfaces	autonomous, CAN j1939, pulse, wireless (Bluetooth)		
Types of connection	flanged or threaded		
Weight, not more than, kg	4,3	6,3	9,3



Design advantages

Ring-type measuring chamber:

Simple, reliable design.

Multifunctional display:

Dozens of parameter screens and operation counters.

Various models:

Autonomous, with signal cable, wireless (Bluetooth).

Built-in battery:

Autonomous operation and data storage in case of external power loss.

Data on display and in output interface

- ✓ Total liquid consumption
- ✓ Total operating time of counter
- ✓ Liquid consumption by operating modes
- ✓ Operating time by modes
- ✓ Liquid consumption (clearable)
- ✓ Operating time (clearable)
- ✓ Temperature in measuring chamber
- ✓ Tampering time



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