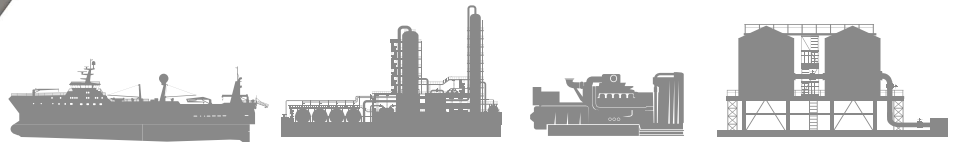




High-precision instruments for measuring liquid flow by mass and volume



Fields of application

- ✓ Marine engines and diesel generators
- ✓ Oil & gas and chemical industries
- ✓ Fuel dispensing systems
- ✓ Diesel power plants
- ✓ Boiler installations

Tasks

- Accurate liquid flow measurement
- Flow rate regulation of transferred liquids
- Prevention of liquid theft from pipelines
- Monitoring of liquid temperature and density

Data on display and in output interface

- ✓ Mass flow rate
- ✓ Volume flow rate
- ✓ Liquid temperature
- ✓ Liquid density
- ✓ Total mass and volume consumption counters

Design advantages

- ✓ High measurement accuracy
- ✓ Suitable for pipelines of any configuration
- ✓ Resistant to vibration, temperature, and pressure fluctuations
- ✓ Capable of measuring high-viscosity liquids
- ✓ Long service life and low maintenance requirements

Specifications

LC Corio model	Mass flow rate, t/h	Volume flow rate, L/min	Nominal diameter, mm
95 RS F	0,35 – 5,2	7 – 100	15
380 RS F	1,3 – 20	25 – 380	25
1200 RS F	4 – 65	77 – 1240	50
2300 RS F	10 – 120	192 – 2300	80
3800 RS F	27 – 200	514 – 3800	100
6700 RS F	30 – 350	575 – 6700	150

Liquid temperature range from -60 to +100 °C
 Operating pressure range from 0 to 4 MPa
 Accuracy volume / mass ±0,21% / ±0,16%*
 Output interface RS-485 (Modbus RTU)
 Pipeline connection flange
 *for diesel fuel, heating oil, HFO

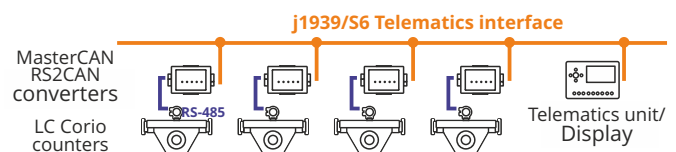
Operation within J1939/S6 Interface

LC Corio counters transmit data via RS-485.

MasterCAN RS2CAN converters translate this data into SPN messages and send it to the J1939/S6 interface.

Up to 16 meters can operate simultaneously within a single S6 network.

Data is delivered to a display or telematics unit and can be sent to a telematics platform.



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