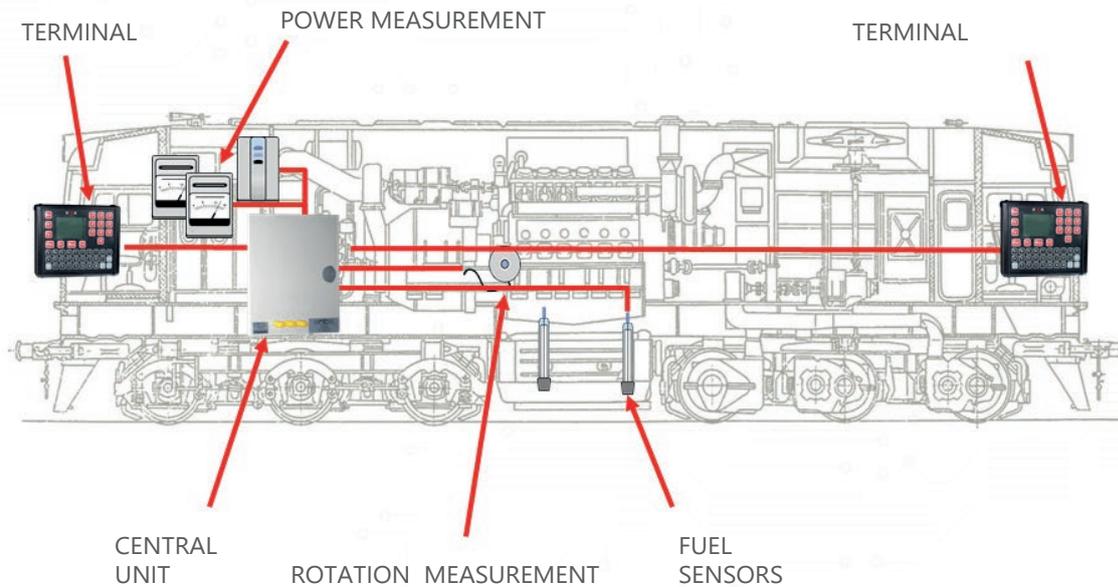




Metronix

Fuel consumption monitoring system



Metronix

Description of the system

Metronix is an advanced fuel consumption monitoring system, which allows to obtain accurate measurements in different operating conditions. It is primarily designed for rail carriers using diesel locomotives.

Metronix consists of on-board devices installed in locomotives and server Managing Application.

Metronix is equipped with an integrated satellite positioning system GPS and packet data transmission over GSM network.

Metronix is an ideal device to monitor other parameters of locomotives' operation, such as:

- ✓ engine speed,
- ✓ oil pressure and temperature,
- ✓ engine temperature,
- ✓ power of the main generator.

Functionality

- ✓ Monitoring and documenting the process of fuel economy
- ✓ Measurement of the amount of fuel in the tank by means of hydrostatic probes
- ✓ Optional measurement of fuel quantity consumed by locomotive's engine by means of volumetric flowmeters
- ✓ Ability to monitor various operating parameters of diesel locomotives, relevant to users
- ✓ Locating locomotives on the map
- ✓ Identifying train's personnel due to contactless badges
- ✓ Monitoring driver's operating time
- ✓ Quick access to reports, statistics and summaries
- ✓ Full history of routes and stops
- ✓ Providing information on defined events

