It is inevitable for diesel engines to detect water and to drain them. Riko's Water Detection Sensors work perfectly well within the fuel filters of not only diesel engines of various types of Transportation vehicles, Industrial machines, but also gasoline engines of large vessels and motor boats which are always exposed to water.

- Fuel Filters
  The picture shows that a Water Detection Sensor is set under the fuel filter. The float will float on the water level and switch on the light, when the water comes beneath the fuel.

- Draining Valve
  The float will sink in the fuels, because the S.G. of float is heavier than that of fuels.

- Water level sensors for light, when the water comes beneath the fuels.
- Over flow detection sensors
- Water level sensors for draining
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< Product Samples >

- Water detection sensors for large engines
  - Diesel Trucks
  - Buses
  - Shovels
  - Trains
- Water detection sensors for ships
  - Cruisers
  - Marine Jets
  - Outboard Motors
- Oil sensors for Agricultural machines
  - Farm Tractors
  - Rice Planting Machines
  - etc.
  - etc.
Burnout is one of the major problems of small engines. Riko's Oil Sensors have a flexibility to be applied to various types of engines with excellent high temperature resistance and easy workability. Line up of oil sensors for motorcycles and four-wheelers, from general purpose types to high efficiency types.

### Applications

**For Engines**
- Detection of Oil Level
- Detection of Break Oil Level
- Detection of Transmission Oil Level

**For Construction and Agriculture Machines**
- Detection of various oil levels
- Alarm for over flow

**For Home Appliances**
- Sensor for Kerosene Level
- Detection of different kinds of liquids

Oil Sensors for Small Engines
- Small Engines
- Water Pumps

Motorcycles
- Four-cycle engines
- Two-cycle engines
- Motor Bikes

Four-Wheelers
- Four-Wheelers