

## PRODUCTS - Control valves

### Specialists in fluids handling for the Rail Industry



- Standard products
- Robust designs
- Maintenance free
- Regular supplier to the Rail Industry
- Custom design capability

#### Rail industry products

- Dry break couplings for fuel
- Refuelling control valve
- Overfill alarms
- Multi-point level controls
- High level alarms
- Low level alarms

Avery-Hardoll is world renowned for its specialist expertise in fluids handling and control.

We have been supplying products for the rail industry for some 30 years and during that time many of our products have been designed to suit its specific demands. Our products are the standard for most of the UK rail network and are designed into new locomotives and rolling stock.

In addition to our product solutions we have gained a great deal of experience in applications within this industry.

#### Applications

- Automatic fuelling cut off and control
- Liquid level controls for fuel, oil, water and effluent tanks
- Fuel tank farm gauging and controls

#### Automatic fuelling control

##### Refuelling control valves

These valves automatically shut off the fuel supply once the maximum fuel level is reached.

Of lightweight robust construction, it can be mounted on the side of the tank at the maximum fuel level when combined with our dry break coupling. Alternatively it can be mounted in the centre of the tank and linked to refuelling points on either side.

Available in both stainless steel and aluminium, the valve has been supplied to the Rail Industry for many years, not only for refuelling but also coolant and water replenishment systems.

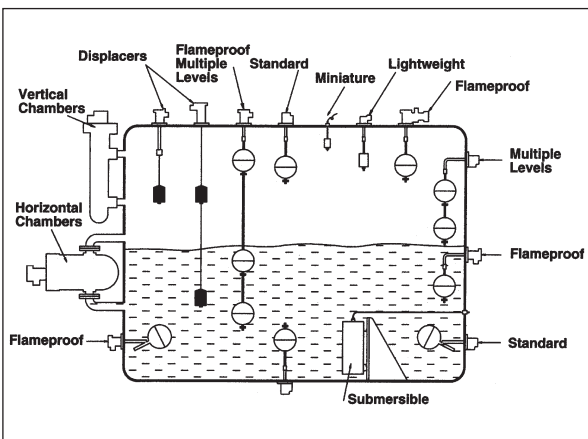


### Dry break couplings

- Robust lightweight design with low resistance characteristics
- Compatible with UK and Railtrack refuelling installations
- Saves on fuel and prevents environmental pollution

The coupling prevents fuel leakage when fuelling a locomotive and automatically closes when the fuelling hose coupling is removed. It can be supplied as a separate item or combined with the refuelling control valve. This combination provides a higher tank capacity as no other internals are required.

### Liquid level and fluid handling controls



- All stainless steel construction
- Mounting and termination options
- Supplied with stilling tube if required
- Switch output configuration to suit

Avery-Hardoll provides a range of specialist instrumentation & controls for onboard applications.

The switches can be used on fuel, coolant, oil, water and antifreeze. They provide a reliable, low cost and maintenance-free solution to most level applications and are of a proven design for moving vehicles and arduous use.

### Fuel tank farms



- Level controls
- Overfill alarms/controls
- Contents gauging/indication
- Fuel filtration, metering and dispensing
- Total tank monitoring and control systems

The company can supply individual components and instrumentation, upgrades and packages or take total turnkey responsibility for design, supply, installation and commissioning of new storage facilities.

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