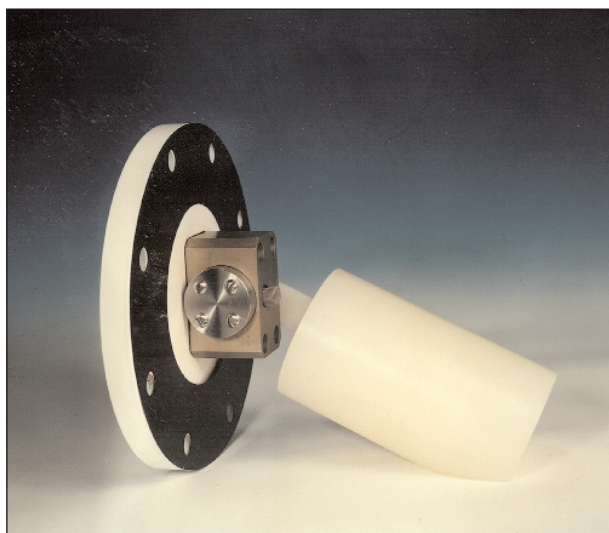


## WATER LEVEL & SHUT OFF CONTROL VALVE



- For fitment to Oil Water or Filter Water Separators
- Senses interface level between fuel/oil and water
- Solid polypropylene float
- Can automatically control servo drain valve
- Can also control outlet shut off servo valve

This float operated control valve can be fitted into a filter water separator vessel by mounting on the side or base of the sump. The same basic unit can be used to operate the outlets of an Oil Water Separator.

The simple and robust solid polypropylene float has a specific gravity of 0.9. Since most common fuels/oils have a lower specific gravity the float will detect the interface level between fuel and water. As it rises a port plate rotates to open/close the control lines.

When fitted to a Filter Water Separator the unit can be used to drain the water from the sump automatically by fitting a Cobham servo valve to the sump drain and connecting two pilot lines to it. A third pilot port can be connected to a larger Cobham servo valve fitted to the vessel outlet to shut off the fuel discharge should the water level rise beyond acceptable levels. The latter application can also be used on vessels fitted with a manual drain.

On Oil Water Separators the unit can control either oil or water discharge valves by means of pilot lines to an outlet servo valve. It is normally fitted to the oil outlet only whilst the water outlet is left permanently open during separator operation.

Cobham Water Level Control Valves have been widely used in civil, military, naval and offshore applications for many years and have proved both simple and reliable in operation. The solid float can withstand very high pressures and avoids the risk of leakage. An externally operable test actuator can be provided as an option if required.