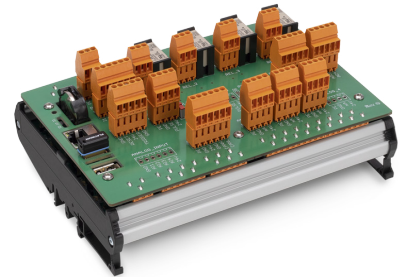


Developed for aviation refuelling applications

Logic controller for use in combination with the AFGUARD® Electronic Water Sensor. The Contamination Control System (CCS) silver is constantly processing the actual water content in aviation fuels. The CCS is designed to process a warning/alarm signal if free water reaches a critical level.

The logic controller is compliant to JIG Technical Bulletin 110 regarding alert, alarm and data storage requirements.

There are two versions of the CCS available, entitled gold or silver version depending on the requirement. The CCS silver version is designed to be integrated into third party PLCs that are AFGUARD®-ready, and fully configurable to customer needs. The CCS gold has a configurable colour touch screen that displays the actual water content. Connected to a flashing lamp it will provide an alert through sensor measurements.



Application Area

- To process the actual water content during into-plane fuelling

Technical Data

- | | |
|--------------------------------|------------------------------------|
| • Power supply: | 24 V DC \pm 10% |
| • Degree of protection: | Dependent on cabinet |
| • Signal transfer: | Ethernet, Modbus RTU |
| • Connections: | 6 digital input: 24 V DC \pm 10% |
| | 4 digital output: 24 V DC |
| | 4 analog output |
| | 8 analog input: 0...20 mA |
| | 4 relay output |
| • Communication protocol: | Modbus TCP |
| • Operating temperature range: | -30°C (-22°F) to + 60 °C (140°F) |

Connection

- Communication to smartphones and tablets with Android or IOS operating system
- Connection of up to two AFGUARD®
- dP-Transmitter with a signal output of 4...20 mA
- Connection of registers and other flow signals (pulsed on 4 ... 30 mA)