

## Application

The **DRAINGUARD®- Sump** is a fully automated drainage system for water sumps of filter water separators. It is the preferred state of the art retrofit kit including about everything needed to generate a failsafe drainage system including the water defense functionality to shut down the flow in case of excessive water. The heart of the **DRAINGUARD®- Sump** is the FAUDI Aviation SLUGGUARD® sensor to detect and differentiate between water and fuel. In case of water the SLUGGUARD® sensor activates the enclosed electrical drain valve. The **DRAINGUARD®- Sump** is including a service valve to externally check the SLUGGUARD® sensor when required (even during operation).

## Technical Details

- 24 VDC Power Supply
- Digital Signal Output
- Process temperature: 0 to +90°C\*
- Ambient temperature: max. 55°C
- Process flow: 1 l/min
- Compact design
- LED switch indicator
- Best for sump water drainage
- ATEX approved\*\*
- All Process Connections (G 3/4")
- Cable Length: 5 m
- Max. Design pressure: 16 bar

\*Media temperature

\*\* electrical components

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**FAUDI**  
● ● ● **aviation**  
quality guarantees safety

## DRAINGUARD® - Sump

### Scope of supply

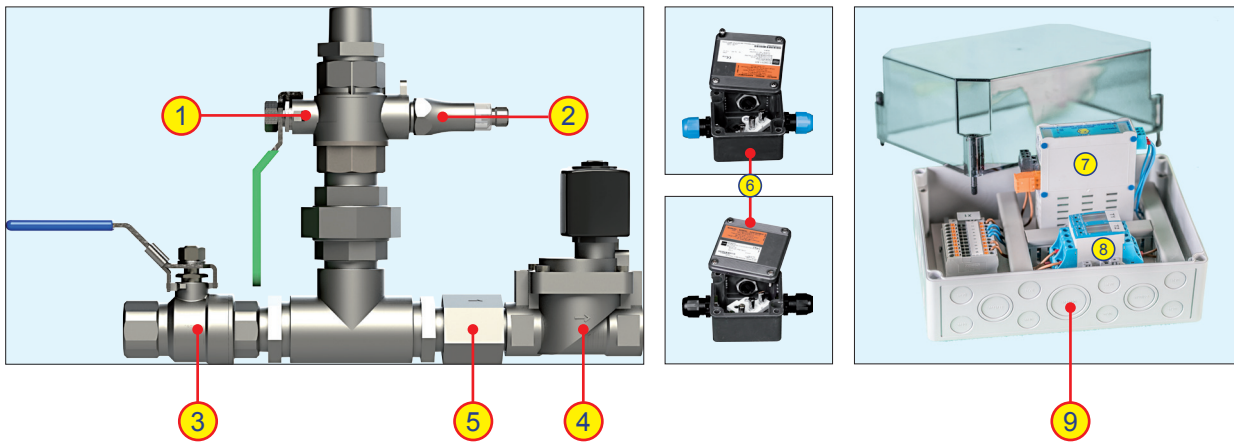
**DRAINGUARD®**- Sump unit consisting of:

①	1 x Service Valve for sensor access
②	1 x SLUGGUARD® Sensor
③	1 x Ball Valve (spring-loaded)
④	1 x 2/2-Way Solenoid Valve*
⑤	1 x Flow Limiter

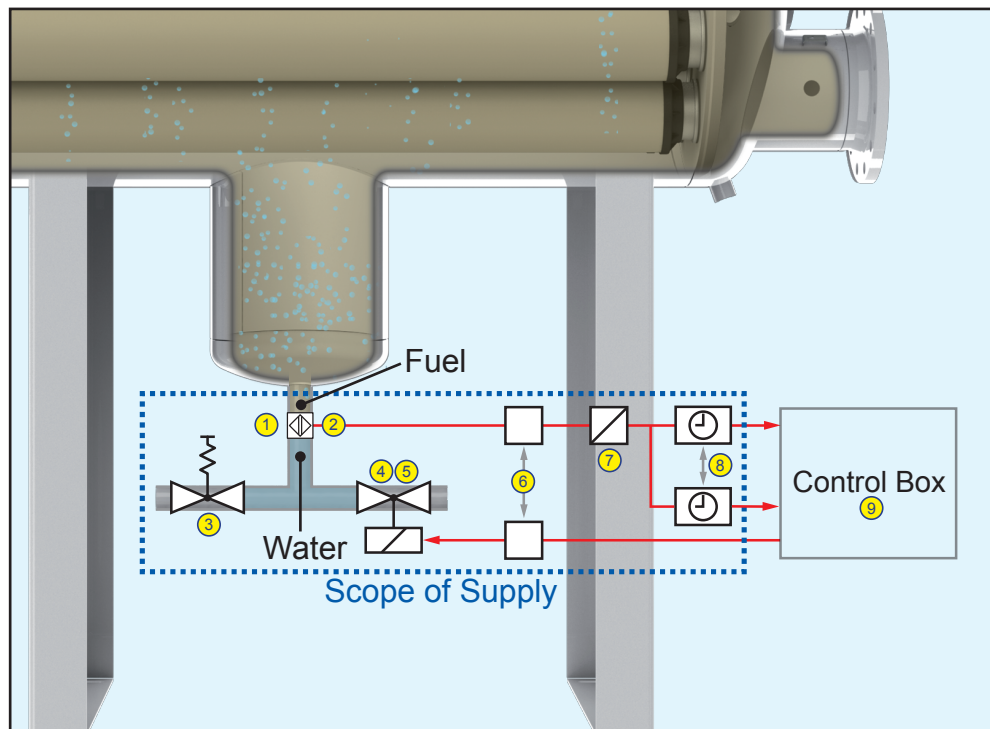
\* servo assisted

⑥	2 x Cable Terminal (stand-alone)
⑦	1 x Barrier (stand-alone)
⑧	2 x Timing Relay (stand-alone)
⑨	1 x Connection Box** (optionally)

\*\* Connection Box can be ordered when a switchboard is not available on-site. It consists the connecting block, separation stage (⑦) & the timing relays (⑧).



### Sample of Application



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**FAUDI**  
● ● ● **aviation**  
\* **SENSOR**