PreciFUEL System – the most modern technology available for refuelers and dispensers

- ATEX/IECEx approved bus system PreciBUS (no junction boxes, no PLC necessary)
- Error safe installation of all PreciFUEL components – "LEGO for tanker builders!"
- All electronics 100% potted – no problems due to vibration, corrosion or humidity!
- Maintainable by mechanics!
- Adaptation by configuration – no software debugging required
- Integrated Logbook
- DP monitoring and density sensor optional
- Automatic diagnosis on power up
- Scalability secures investment for future requirements
- System documentation downloadable from each ARU-Master
- Public EN 15969-1 FTL interface to OBC

APPLICATION: AIRCRAFT REFUELING
**WATER SLUG DETECTION**

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**PreciFUEL**

**APPLICATION: AIRCRAFT REFUELING**

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**PreciNODE C I4/O3**

The sensor/actor module PreciNODE monitors and controls the fittings on the truck:

- Fits on every standard flange, no drilling, no tapping (fast and safe)
- Reduced pneumatic installation by integrated solenoid valves
- 90% less power consumption conserves truck battery especially in winter
- NAMUR inputs, potted electronics, manipulation-safe

**TECHNICAL DATA**

Dimensions: \( \text{WxHxD} \ 82x198x33 \text{mm} \)
Protection class: >IP 67
4 NAMUR inputs, 3 solenoid valve outputs

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**PreciBUS**

The AH PreciBUS offers the following advantages:

- ATEX approved for Zone 1
- In-line connections and piercing technology result in minimum wiring effort, no terminal boxes, no bolting
- The PreciBUS members can be contacted at any position of the bus cable
- Special AH bus cables prevent from reverse polarity
- Power and communication within one cable
- Easily extendable, any bus topology is possible

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**PreciNODES**

In addition to PreciNODE C I4/O3 the following PreciBUS members are offered:

- Mini I/O Module (1 NAMUR input) PreciNODE M I1
- Mini I/O Module (1 pneum. output) PreciNODE M O1
- Analog Input Module (4-20mA) PreciNODE M AI4 … 20mA
- Overhead display PreciNODE ODIS
- LED Illumination Module/Multicolor status indicator PreciNODE M Lux RGB
- 2-Axis Inclination Sensor PreciNODE M Inclino

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**APPLICATION: AIRCRAFT REFUELING**

PreciFUEL