NOZZLE

READER / BADGES

These readers allow secure identification of a vehicle.

Characteristics

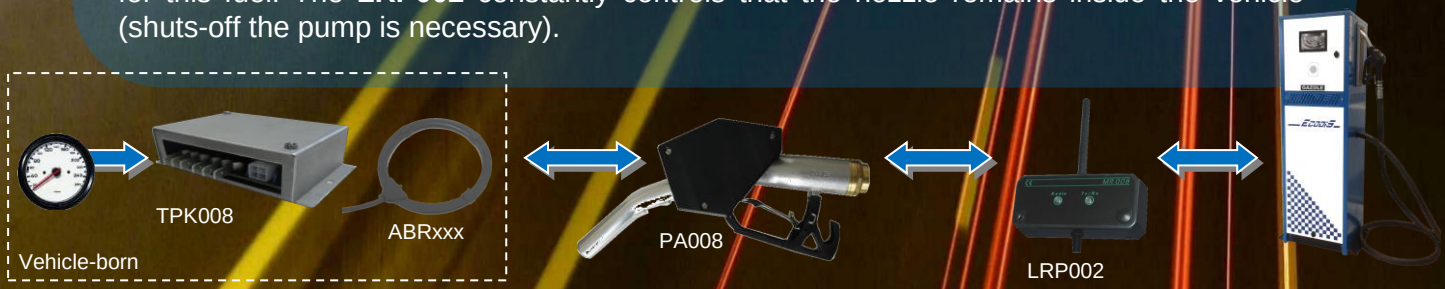
- Secure distribution by shut-off if the nozzle is removed from the tank
- Radio communication between vehicle and nozzle
- Radio communication between nozzle and dispenser
- Automatic transfer of counter : kilometers or hours
- Multi-nozzle operation
- No civil engineering, no transformation on existing station
- Easy pre-assembly in the vehicle by simple connections
- Many antenna references in order to adapt on all types of vehicles
- Allows precise and real calculation of consumptions by avoiding manual entry errors

Operation :

- On the vehicle, the **TPK008** transmitter sends its unique code and the kilometer or hour counter to the **PA008** nozzle with the help of the **ABRxxx** fixed on the tank's filling opening.

- On the nozzle, the **PA008** transmitter receives the code and the vehicles' counter (only if the nozzle is inside the tank) and transmits by radio the code and the counter + the nozzle's number to the **LRP002** receiver.

- On the station, the **LRP002** receiver receives information from the corresponding **PA008** and checks that the code is known by the station and that the vehicle is authorized for this fuel. The **LRP002** constantly controls that the nozzle remains inside the vehicle (shuts-off the pump is necessary).



Reference	Description
TPK008	Vehicle + KM identification transmitter
ABRxxx	Antenna for vehicles' tanks (85, 105 ou 125mm)
PA008	Automatic nozzle
LRP002	Receiver for automatic nozzle
RTX008	4m extension for connection of TPK008 on vehicle

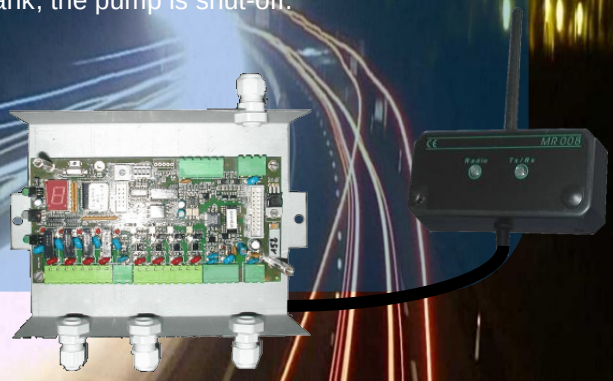
ALX
TECHNOLOGIES

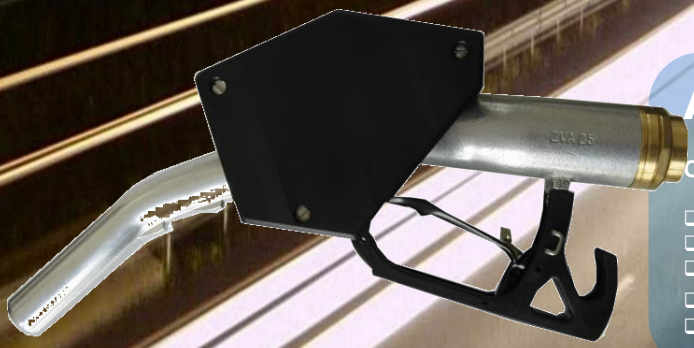
Automatic nozzle reader - LRP002

The LRP002 reader allows secure identification of a vehicle and its mileage via the PA008 automatic nozzle.
The tank antennas ABRxxx and the TPK008 electronics equip the vehicles and are read by the PA008 nozzle upon insertion into the tank. The nozzle relays the information to the ALX automaton via the LRP002. As soon as the nozzle is taken out of the tank, the pump is shut-off.

CHARACTERISTICS

- Power supply : 240 VAC 50Hz
- Consumption : approx. 300mA
- Weight : environ 1Kg
- Operating conditions: -10°C à 50°C <70% d'hygrometry
- Storage : -20°C à 60°C <70% d'hygrometry





Automatic nozzle - PA008

CHARACTERISTICS

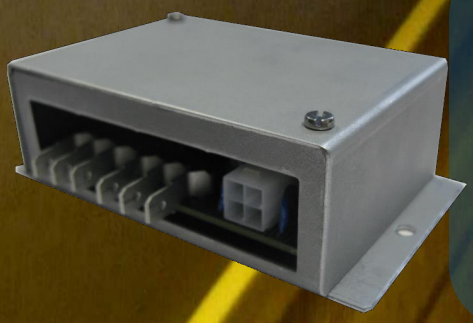
- Power supply : 2 standard batteries
- Weight : approx.300g
- Operating conditions: -10°C à 50°C <70% d'hygrometry
- Compatible ELAFLEX ® nozzles :ZVA19, ZVA25 and ZVA32
- Range:10m

Tank antenna - ABRxxx

CHARACTERISTICS :

- Plastic moulded antenna. Weight : approx.100g
- Connection : bare wires for FASTON
- Operating conditions :-10°C à 50°C <70% d'hygrometry
- Fixing by wire bracket around the tank's opening
- Inner diameter : 85mm, 105mm or 125mm in standard / for other dimensions please contact us

Transmitter- TPK008



CHARACTERISTICS :

- Power supply : 12 or 24VDC
- Weight : approx. 200g
- Operating conditions : -10°C à 50°C <70% d'hygrometry
- Transmission of vehicle identification
- Transmission of kilometers or hours counter
- Connection to 2 ABRxxx antennas maximum by FASTON

ALX
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