

Smart Seal

Control Access for Tanks



Description

Take control of your storage tank.
Smart Seal® is a complete device to access control with electronic lock and could be remotely operated.
It is fully compatible with conventional taps.

When opened, shows three leds indicators (Green, Yellow and Red) given a correct orientation to the truck driver about delivery status avoiding overfills and other severe environmental risks.

Has exclusive internal resources to register all forecourt operation that can be shown directly at S2 System® screen in real time.

Features and Benefits

- Access Control of delivery at your hands.
- Store in internal memory all operations done at forecourt.
- Real Time Status shown in remote screens.
- Can lock or unlock with a simple local or remote command.
- With S2 Mobile commands can be done in a smartphone.
- Could manage up to two local sensors, avoiding cable waste.
- With internal batteries could operate without energy up to 30 hours, registering all operations even without communication with Supervisor®.
- For safety, it can execute a local automatic unlock for emergency situations.
- Has internal violation sensors for safety purposes.
- Mechanical lock is totally monitored.

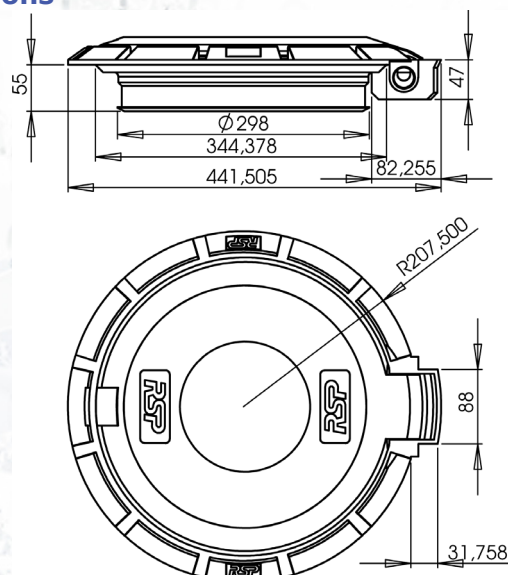
Installation

Installation is simple and replaces conventional existing taps.

The communication cable could be installed at right or left, to best fit with existing infrastructure.

Supports a direct weight upside until eleven tons.

Dimensions



Technical Specification

Weight	10 kg
Operation Temperature	0 a 50°C (32 a 122°F)
Installation	Hazardous Area (Zone 1)
Communication	RS 485
Battery Autonomy	up to 30 hours

Intrinsic Safe Parameters

Ex ia IIA T2
$U_i = 15,75 \text{ V}$
$I_i = 400 \text{ mA}$
$P_i = 1,6 \text{ W}$
$L_i = \text{negligible}$
$C_i = \text{negligible}$
$T_{amb}: \text{de } -20 \text{ a } 50 \text{ } ^\circ\text{C}$

Considering technological continuous upgrade, any modifications can be made without notice.
Photos only for illustration purposes.

Version 6 2002