



## LRC 3 Overfill Prevention

## Portable, Radio-controlled Transmitter with Overfill Prevention functionality



LRC3-Small is a portable, radio-controlled transmitter with overfill prevention functionality and additional remote control functions.

The standard LRC3-Small device is supporting PTC limit probes according to EN13616.

## Battery Technology and Charging Cradle with or without Alarm functionality



The LRC3-Small portable transmitter and the Remote Control units are working with rechargeable Lithium-Ion batteries.

LRC3-Small can provide up to 11 hours permanent working time.

LRC3-RC can provide up to 55 hours permanent working time (11 hours with lighting)

The batteries can be changed easily.

## LRC 3 Relay

The LRC3-Relay is an additional device for providing more Remote Control functions as well as for control of magnet valve.

+ 10 Remote Control functions

- Output for magnet valve
- Cable connection
- CAN-BUS interface
- Indication equivalent to LRC3-Control



LRC3-Relay is connected to LRC3-Control via CAN-Bus. All Remote Control functions and optical indications of LRC3-Control will be automatically taken over by LRC3-Relay.

## Remote Control Device with Display



LRC3-RC is the Remote Control device with Display (independent from the electronic counter on the tanker-truck with display of functions).

LRC3-RC can work alone with the LRC3-Control or additionally with the LRC3-Small as a Remote Control.

LRC3-RC can also be used as a Dead-Man-Control in non-EX areas.

## Amplifier with integrated Cable Overfill Prevention

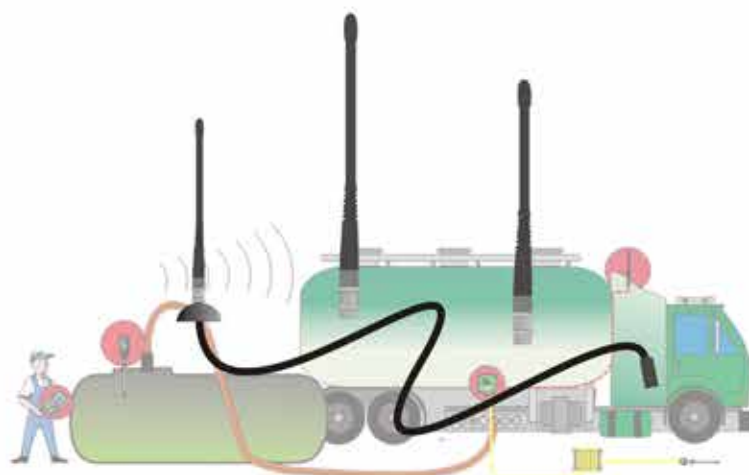


The LRC3-Control is a combination of Receiver and Amplifier with integrated Cable Overfill Prevention and CAN-BUS.

LRC3-Control is taking over the control of the magnet valve and the motor management.

This receiving unit is communicating with the portable transmitter LRC3-Small and the additional remote control devices LRC3-RC or LRC3-Remote.

## Antenna Technology



LRC3 does not need a special receiving device and no aerial-box (antenna box).

This receiving device is integrated in the receiver-electronic LRC3 Control.

Different antennas are available according to the application.

## 1-4 Channel Cable Overfill Prevention for EX-areas



For delivery of Fuel Stations – supports PTC limit probes according to EN13616.

LRC-OP1  
1 tank can be filled and controlled.

LRC-OP2  
2 tanks can be filled and controlled in parallel.

LRC-OP3+4  
3 or 4 tanks can be filled and controlled in parallel.

## Cable Overfill Prevention for non-EX areas



Combination of receiver and amplifier with integrated Overfill Prevention.

Amplifier controls the magnet valve and the motor management.

Simple mounting  
LED on LRC3-Control for optical indication  
Upgrade to Remote Control device is simple and easy  
Robust construction  
Flexible built up  
CAN-BUS Interface  
IP67  
Supports PTC limit probes according to EN13616.

## Programming Device for parameterizing the LRC3-System



The LRC3 Programming Device is used for parameterizing the LRC3-Systems.

Data are sent wireless to the LRC3-Control device which is the central control unit of the LRC3-Systems.