

## Product Information

### SECU Multiplexer (Control of the overfill prevention and grounding control)



The **SECU Multiplexer** serves for the central control of the overfill prevention system at the filling station and is a part of the grounding control.

### Advantages of the SECU Multiplexer:

#### Central control of up to 6 limit value transmitters

The SECU multiplexer can control and evaluate 6 Overfill sensors (e.g. TRBF) with only one connection line to the tank truck.

Up to 12 sensors can be addressed with a further module.

#### Own power supply is not necessary

The SECU Multiplexer normally sits in the filling area of the petrol station and needs no power supply from the station.

The necessary intrinsically safe feed is made available by the tank truck, with the SECU MultiTank system over a 12 pin cable.

#### Grounding control

The SECU MultiTank system at the tank truck will provide grounding control at the petrol station, over the 12 pin cable at the same time as overfill prevention.

If this grounding connection is missing or interrupted, no unloading is possible.

#### Overfill prevention

Every Overfill sensor is permanently and individual queried by the SECU MultiTank system at the tank truck, while it is unloading.

If the level in the tank activates the Overfill sensor the SECU MultiTank system stops the filling at the appropriate tank. This stop has no influence for the filling at the remaining tanks.

#### Upgradeable

A second SECU Multiplexer can be installed at any time, to check total 12 limit value transmitter.

#### ATEX certified for zone 1

The SECU Multiplexer is normally installed in the filling shaft of the petrol station and is certified as intrinsically safe execution for the ex zone 1.

#### Highest security

The intrinsically safe supply of the equipment ensures a high degree of safety.

The robust, weatherproof housing (IP 66) is appropriate for the hard daily use.

