

Universal withdrawal system with level sensor chain



Benefits

- Complete withdrawal system with level sensor chain
- Universal replacement for withdrawal systems of battery tank facilities
- Reliable protection against overfilling by means of monitoring of all tanks
- Level sensor with metallised sleeve for permanent operation even with biofuel/biodiesel

Application

Replacement for withdrawal system at battery tank facilities of almost all manufacturers. Depending on the version, available for communicating and non-communicating systems. One base unit per system and one extension for each additional tank. The level sensor chain is completely integrated.

Versions

	Part no.
Base unit universal GWG 12 K/1-K-SWS communicating	20820
Extension universal GWG 12 K/1-K-SWS communicating	20824
Base unit universal GWG 12 K/1-NK-SWS not communicating	20825
Extension universal GWG 12 K/1-NK-SWS not communicating	20826

Blue part no. = in-stock items

Description

The base unit with the level sensor is mounted in the first tank (viewing in direction of filling). An extension is mounted in each additional tank of the battery tank facility. This applies to regular filling from the top. The level sensor and the level limiters are fully wired, the cables just need to be plugged in. The connector shipped with the base unit is plugged into the last extension. This closes the circuit. The connection cable to the level sensor fitting is connected in the junction box. The pipes for the withdrawal line can be connected with a diameter of 8 mm or 10 mm. The connection pipes for the withdrawal line are not included. Adapters for the tank connections of tanks of virtually all manufacturers are included.

Technical specifications

Tank height

Bis 200 cm

Suction hose can be shortened as required

Process connection

G1½

Medium

Fuel oil EL (DIN 51603-1),

Diesel fuel (EN 590),

FAME 20 % in fuel oil,

FAME 20 % in biodiesel

Approval

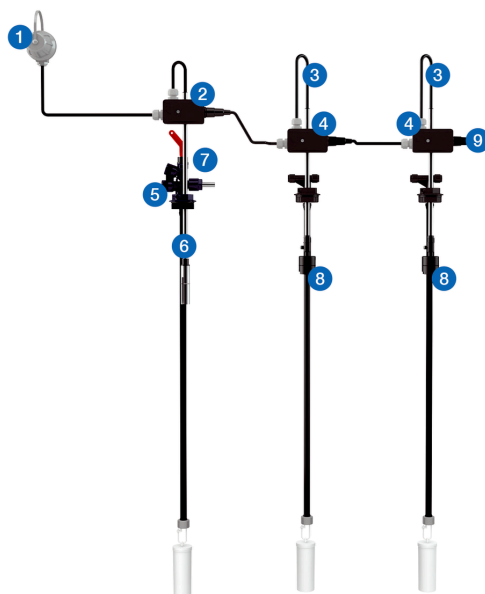
CE marking as per EC Construction Products Regulation (EN 13616:2004)

DIBt: Z-65.17-182

Scope of delivery

- Base unit universal:
- Floating withdrawal
 - Wiring box
 - Terminating connector
 - Level sensors
 - Adapters for tank connections
- Extension universal:
- Floating withdrawal
 - Wiring box
 - Float switch
 - Connection cable
 - Adapters for tank connections

Detail views



universal withdrawing system with GWG level sensor chain for protection against overfilling

1. GWG level sensor connection fitting
2. Universal base unit, communicating
3. Universal extension, communicating
4. Wiring box
5. Tank withdrawal system
6. Level sensors
7. Current circuit loop from tank vehicle
8. Float switch
9. Terminating plug current circuit