

# Universal withdrawing system with level sensor chain



2

Extension, communicating

Base unit, communicating



- 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



Adapters for different tank connections

**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.

**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 (Concerns to typical top filling systems). 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

Up to 200 cm, can be shortened as required

### Connection thread (tank)

G1½

Enclosed adapters for tank connections: G2, M60 x 4, S75 x 6, flange Ø 68 mm

### Media

Fuel oil (DIN 51603-1)  
Diesel fuel (EN 590)  
with up to 20 % FAME each

### Approval for construction products

EC as per Construction Products Regulation (EN 13616)  
DIBt: Z-65.17-182

### Scope of delivery

- **Base unit:** Floating withdrawal unit, wiring box, terminating connector, level sensor, adapters for tank connection
- **Extension:** Floating withdrawal unit, wiring box, float switch, connection cable, adapters for tank connection



See operating instructions for list of suitable tanks and tank connections.

DG: G, PG: 3			Part no.	Price €
<b>Universal base unit, communicating, level sensor chain</b>	-	-	<b>20820</b>	
<b>Universal extension, communicating, level sensor chain</b>	-	-	<b>20824</b>	
<b>Universal base unit, not communicating, level sensor chain</b>	-	-	<b>20825</b>	
<b>Universal extension, not communicating, level sensor chain</b>	-	-	<b>20826</b>	
<b>Withdrawal unit multi-way union ø 8/10 mm</b>	1	10	<b>20842</b>	
<b>Withdrawal pipe universal ø 10 x 1 x 1000 mm, aluminium</b>	10	-	<b>20843</b>	