

## Pump system Aquapump Retrofit Tronic, STZ1300-S1, level sensor



## **Article information**

Item no.: STZ1300-M

GTIN:

Price group: 60

## **Description**

The pump system for installation in existing collection tanks for wastewater with sewage is equipped with a submersible pump, a backflow preventer and a shut-off valve. The polymer profile (PE) is used to mount and fix the pumping station. Quick-release closures enable easy removal of the pumps. The station is controlled by a user-friendly control unit, which is optionally integrated in the building management system via a potential-free contact, or alarm and collective fault messages can be output via a GSM interface. Required minimum diameter of the on-site chamber:

1000 mm

Variant

Type of system:
Shut-off valve:
Installation:
Pump control:
Backflow preventer:
Pressure pipe connection:

General characteristics

Standard: Type of wastewater: Installation situation: Delivery state: System type: Single unit yes Wet installation Control unit integrated horizontal

EN 12050-2 with sewage

installation in on-site collecting tank Modular set for assembly on site

Tronic



**Dimensions** 

Net weight: 147 kg Gross weight: 170 kg

Tank/drain body

Pressure pipe connection (DN): 50
Pressure pipe connection (OD): 63 mm

Pumping device

Pump: STZ 1300

Number of pumps: 1

Connection type: coded plug
Operating voltage: 400 V

Protection class:

Protection class (pump): IP 68 (3m) Temperature monitoring: integrated Max. temperature (permanent) of conveyed  $40 \,^{\circ}\text{C}$ 

material:

Max. pumping capacity: 20 m³/h Max. pumping height: 21 m

Speed: 2900 U/min
Power P1: 1,3 kW
Power P2: 0,9 kW
Operating mode: S1

Type of pump connection cable: H07RN8-F 6G 1.5 mm<sup>2</sup>

Impeller type: Macerator
Length of mains cable for pump: 10 m
Rated current: 2,5 A

Control

Control unit: Comfort Alarm sensor: Level sensor Level measurement instrument: Level sensor Type of level measurement: hydrostatic Protection class control unit: IP 54 Mains frequency: 50 Hz 400 V Operating voltage: Connection type: coded plug Length of mains cable for control unit: 1,4 m Potential-free contact: optional GSM interface: yes USB interface: yes Log book function: yes Multi-line display: yes Battery buffering: yes Self-diagnosis system (SDS): ves

Type of fuse required (control unit):

3 x C 16 A