

Pump system Aquapump Retrofit Duo, STZ1000-S3, subm. pressure switch

Article information

Item no.: AQUALI1000F_D

GTIN:

Price group: 60

Description

The retrofit kit for installation in existing collection tanks for faecal-free wastewater is equipped with two submersible pumps, a backflow preventer and a manual locking device. 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 either by a float switch or by a user-friendly control unit, which can be optionally integrated in the building control system via a voltage-free contact. Alternatively, alarm and collective fault messages can be output via a GSM interface.

Variant

Type of system: duo pump Pump control: Control unit Backflow preventer: integrated Pressure pipe connection: horizontal

General characteristics

EN 12050-2 Standard: Type of wastewater: with sewage

Installation situation: installation in on-site collecting tank Modular set for assembly on site Delivery state:

System type: Duo

Pumping device

Pump: STZ 1000

Number of pumps: 2 Weight, pump: 10 kg Connection type: coded plug Operating voltage: 230 V Protection class:

F Insulation class: Cos phi - power factor: 0,97 Protection class (pump): IP 68 (3m) Temperature monitoring: integrated 40 °C Max. temperature (permanent) of conveyed

material:

Max. pumping capacity: 11,5 m³/h



Max. pumping height: 10 m

 Speed:
 2800 U/min

 Power P1:
 1,2 kW

 Power P2:
 0,69 kW

 Operating mode:
 \$3 - 50 %

Type of pump connection cable: H07RN-F 3G 1.5 mm²

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

Control

Control unit: Comfort
Alarm sensor: optical probe

Level measurement instrument: Submersible pressure switch

Type of level measurement: pneumatic IP 54 Protection class control unit: Mains frequency: 50 Hz Operating voltage: 230 V 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): Type of fuse required (control unit):

yes

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