

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

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

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

System type: Duo

Pumping device

Pump: STZ 1000

Number of pumps:

Weight, pump:

Connection type:

Rated current:

5,2 A

Protection electrics

Protection class:
Insulation class:
Cos phi - power factor:
Protection class (pump):
Temperature monitoring:
Max. temperature (permanent) of conveyed

Insulation class:
Insulation class:
F
O,97
IP 68 (3m)
Integrated
40 °C

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: S3 - 50 % Type of fuse required (electrical protection): C 16 A

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

Impeller type: Macerator Length of mains cable for pump: 10 m

Control

Control unit: Comfort Alarm sensor: optical probe

Submersible pressure switch Level measurement instrument:

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 (electrical protection):

yes

C 16 A