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
Rim width:	Control unit
Backwater protection:	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 control:	STZ 1000
Number of pumps:	2
Weight:	10 kg
Connection type:	coded plug
Rated current:	5,2 A
Length of mains cable for pump:	10 m
Self-diagnosis system (SDS):	I
Insulation class:	F
Cos phi - power factor:	0,97
Protection class control unit:	IP 68 (3m)
DSC:	integrated
Max. temperature (permanent) of conveyed material:	40 °C

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

Control
Alarm sensor: optical probe
Level measurement instrument: Submersible pressure switch
Type of level measurement: pneumatic
Protection class probe: IP 54
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):   yes
Max. permissible switching frequency: Comfort