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: Single unit
Shut-off valve: yes
Installation: Wet installation
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: 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 control:	STZ 1300
Number of pumps:	1
Connection type:	coded plug
Rated current:	2,5 A
Length of mains cable for pump:	10 m
Self-diagnosis system (SDS):	I
Protection class control unit:	IP 68 (3m)
DSC:	integrated
Max. temperature (permanent) of conveyed material:	40 °C
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 fuse required (electrical protection):	3 x C 16 A
Type of pump connection cable:	H07RN8-F 6G 1.5 mm²
Impeller type:	Macerator

Control

Control unit:	Comfort
Alarm sensor:	Level sensor
Level measurement instrument:	Level sensor
Type of level measurement:	hydrostatic
Protection class probe:	IP 54
Mains frequency:	50 Hz
Operating voltage:	400 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
Rated current:	2,5 A

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