

Pump system Aquapump Retrofit Tronic, GTF4000-S1, level sensor



Article information

Item no.: GTF4000-M

GTIN:

Price group: 60

Description

Pump system, wet installation, for installation in an on-site chamber module.

- For wastewater with and without sewage (not approved for use in an ATEX zone)

- Pressure pipe, pre-assembled at the factory, with mounting parts, a backflow preventer and shut-off valve

- Pump with a single-vane impeller for optimum energy efficiency

- Including a level probe for level measurement - Including a KESSEL Aqualift

Comfort 400 V control unit User-friendly menu navigation in a multi-line display.

With a self-diagnosis system (SDS) and reminder function for the next maintenance. Display of the current measured values. Simple adjustment of the function-related parameters, including an operating hour counter and potential-free contact. Optional forwarding of alarm and collective fault messages via a GSM interface.

- Required minimum diameter of the on-site chamber module: 1000 mm

Variant

Type of system:

Single unit

Shut-off valve:

yes

Pump control:

Control unit

Backflow preventer:

integrated

Pressure pipe connection:

horizontal

General characteristics

Standard:

EN 12050-2 as well as EN 12050-1 (without ATEX requirements)

Type of wastewater:

for wastewater with or without sewage (in installation situations without ATEX requirements)

Installation situation:

installation in on-site collecting tank

Delivery state:

Modular set for assembly on site

System type:	Tronic
Tank/drain body	
Pressure pipe connection (DN):	50
Pressure pipe connection (OD):	63 mm
Pumping device	
Pump:	GTF 4000
Number of pumps:	1
Weight, pump:	12 kg
Connection type:	coded plug
Protection class:	I
Protection class (pump):	IP 68 (3m)
Temperature monitoring:	integrated
Max. temperature (permanent) of conveyed material:	40 °C
Max. pumping capacity:	53 m ³ /h
Max. pumping height:	18 m
Speed:	2900 U/min
Power P1:	4 kW
Power P2:	3,4 kW
Operating mode:	S1
Type of pump connection cable:	HO7RN-F 7G 1.5 mm ²
Impeller type:	Multi-vane impeller
Length of mains cable for pump:	10 m
Rated current:	6,6 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
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
Type of fuse required (control unit):	3 x C 32 A