

Pump system Aquapump Retrofit Tronic, GTF1600-S1, level sensor



Article information

Item no.: GTF1600-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 1000 mm chamber module:

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

Dimensions

Net weight: 150 kg Gross weight: 173 kg

Tank/drain body

Pressure pipe connection (DN): 50
Pressure pipe connection (OD): 63 mm

Pumping device

Pump: GTF 1600

Number of pumps:

Weight, pump:

Connection type:

Operating voltage:

Protection class:

1

12 kg

coded plug

400 V

Protection class (pump): IP 68 (3m) Temperature monitoring: integrated Max. temperature (permanent) of conveyed $40\,^{\circ}\text{C}$

material:

Max. pumping capacity:

Max. pumping height:

Speed:

Power P1:

Power P2:

Operating mode:

49 m³/h

9,3 m

2900 U/min

1,6 kW

1,2 kW

51

Type of pump connection cable: H07RN-F 7G 1.5 mm² Impeller type: Multi-vane impeller

Length of mains cable for pump: 10 m Rated current: 2,9 A

Control

Comfort Control unit: Level sensor Alarm sensor: Level measurement instrument: Level sensor Type of level measurement: hydrostatic Protection class control unit: IP 54 Mains frequency: 50 Hz 400 V Operating voltage: 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: ves Multi-line display: yes Battery buffering: yes Self-diagnosis system (SDS): yes

Type of fuse required (control unit):

C 16 A