

Pump system Aquapump Retrofit Tronic, STZ3700-S1, level sensor

Article information

Item no.: STZ3700-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

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|---------------------------|------------------|
| 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

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|-------------------------|---|
| 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

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| Net weight: | 147 kg |
| Gross weight: | 170 kg |

Tank/drain body

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

Pumping device

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| Pump control: | STZ 3700 |
| Number of pumps: | 1 |
| Connection type: | coded plug |
| Rated current: | 6,4 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: | 28 m ³ /h |
| Max. pumping height: | 35 m |
| Speed: | 2900 U/min |
| Power P1: | 3,7 kW |
| Power P2: | 3,1 kW |
| Operating mode: | S1 |
| Type of fuse required (electrical protection): | 3 x C 32 A |
| Type of pump connection cable: | H07RN8-F 6G 1.5 mm ² |
| 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: | 6,4 A |