

## 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

|                           |                  |
|---------------------------|------------------|
| 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 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 m³/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 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:                          | 6,4 A        |