

## Pumpfix F conversion kit DN 100-200, fr. 01/2012, 15 m cable

### Article information

Item no.: 80102  
GTIN: 4026092051160  
Price group: 30

### Description

The conversion kit is equipped with a pump and a motor-driven closure system. The pipe cross-section is normally open. In case of backwater, the motor-driven closure system is closed automatically. During the backwater phase, the water drains via the pump with integrated macerator.

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.

The conversion kit is used to upgrade backwater chambers LW 1000 and backwater module chambers LW 1000 with the Pumpfix F backwater pumping station.

#### General characteristics

|                       |  |
|-----------------------|--|
| Nominal size (DN):    | 100-200                                |
| Note on nominal size: | Hydraulics correspond to DN 150        |
| Type of wastewater:   | for wastewater with and without sewage |
| Approval:             | Z-53.2-388                             |
| Cable length:         | 15 m                                   |

#### Dimensions

|                      |         |
|----------------------|---------|
| Net weight:          | 21,6 kg |
| Gross weight:        | 23,1 kg |
| Packaging dimension: | length  |
| Packaging dimension: | width   |
| Packaging dimension: | height  |

#### Pumping device

|                          |                |
|--------------------------|----------------|
| Pump:                    | SPZ 1000       |
| Number of pumps:         | 1              |
| Weight, pump:            | 10 kg          |
| Connection type:         | coded plug     |
| Rated current:           | 5,2 A          |
| Protection class:        | I              |
| Insulation class:        | F              |
| Cos phi - power factor:  | 0,97           |
| Protection class (pump): | IP 68 (3m/48h) |
| Temperature monitoring:  | integrated     |

|  |                                |
|--|--------------------------------|
| Max. temperature (permanent) of conveyed material: | 35 °C                          |
| Max. pumping height:                               | 10 m                           |
| Speed:   | 2800 U/min                     |
| Power P1:  | 1,2 kW                         |
| Power P2:  | 0,69 kW                        |
| Operating mode:                                    | S3 - 50 %                      |
| Type of fuse required (electrical protection):     | C 16 A                         |
| Type of pump connection cable:                     | H07RN-F 3G 1.5 mm <sup>2</sup> |
| Impeller type:                                     | Macerator                      |
| Control  |                                |
| Control unit:                                      | Comfort                        |
| Alarm sensor:                                      | optical probe                  |
| Level measurement instrument:                      | optical probe                  |
| Type of level measurement:                         | optical                        |
| Protection class control unit:                     | IP 54                          |
| 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 (electrical protection):     | C 16 A                         |