

## Pumpfix F conversion kit DN 100-200, fr. 01/2011, Floor slab



### Article information

Item no.: 80098  
 GTIN: 4026092048276  
 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 retrofit Staufix FKA, Staufix SWA and Controlfix for Pumpfix F backwater pumping station. The conversion kit also contains a tileable cover plate with drain, incl. Multistop and a seal.

#### 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 |
| Installation situation: | exposed drainage pipe                  |
| Approval:               | Z-53.2-388                             |

#### Dimensions

|                      |          |
|----------------------|----------|
| Net weight:          | 19,33 kg |
| Gross weight:        | 21,64 kg |
| Packaging dimension: | length   |
| Packaging dimension: | width    |
| Packaging dimension: | height   |

#### Coverage features

|                  |                      |
|------------------|----------------------|
| Type of cover:   | tileable cover plate |
| Cover material:  | Polymer              |
| Width of cover:  | 384 mm               |
| Height of cover: | 42 mm                |
| Length of cover: | 384 mm               |

|  |                                |
|--|--------------------------------|
| Drainage function:                                 | yes                            |
| Locking:   | locked                         |
| Max. flooring height:                              | 16 mm                          |
| Pumping device                                     |                                |
| Pump:  | SPZ 1000                       |
| Number of pumps:                                   | 1                              |
| Weight, pump:                                      | 10 kg                          |
| Connection type:                                   | coded plug                     |
| Operating voltage:                                 | 230 V                          |
| 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 pump connection cable:                     | H07RN-F 3G 1.5 mm <sup>2</sup> |
| Impeller type:                                     | Macerator                      |
| Length of mains cable for pump:                    | 5 m                            |
| Rated current:                                     | 5,2 A                          |
| Control  |                                |
| Control unit:                                      | Comfort                        |
| Alarm sensor:                                      | optical probe                  |
| Level measurement instrument:                      | optical probe                  |
| Type of level measurement:                         | optical                        |
| Protection class control unit:                     | IP 54                          |
| Operating voltage:                                 | 230 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 (electrical protection):     | C 16 A                         |