

## KN98C019

### CAPACITIVE SENSORS • NORM SWITCHING DISTANCE

Capacitive proximity switches are contact-free sensors. They detect metallic and non-metallic objects, regardless of whether they move or not. The achievable sensing range of the devices depends on the object material, its dimensions and the response sensitivity, which is set via a potentiometer. The vibration-resistant sensors can be approached laterally or frontally. Capacitive proximity switches are used for presence detection (e.g. sealing detection), positioning (e.g. PET bottles), counting (e.g. plastic caps), level detection (e.g. lubricant) or distance measurements (e.g. thickness measurement) of solid and liquid materials.

#### MECHANICAL DATA

|  |           |
|--|-----------|
| Mechanical mounting condition for sensor | Non-flush |
| Pressure-proof                           | No        |

#### ELECTRICAL DATA

|  |               |
|--|---------------|
| Cascadable                                     | No            |
| Max. output current                            | 250 mA        |
| Number of switching outputs                    | 2             |
| Suitable for safety functions                  | No            |
| Supply voltage                                 | 18 V ... 36 V |
| Type of electrical connection                  | Cable         |
| Type of switching output                       | PNP           |
| Voltage type                                   | DC            |
| With monitoring function of downstream devices | No            |

#### DIMENSIONAL DRAWING

##### INSTALLATION



Mounting / Installation may only be carried out by a qualified electrician!

##### DISPOSAL



##### SAFETY WARNINGS

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!