

**KBQC0100**

## Capacitive sensor

- / for positioning of objects
- / for filling level detection of liquids and bulk materials
- / plastic housing
- / easy mounting
- / short-circuit and reverse polarity protected
- / protection class IP68
- / cable connection



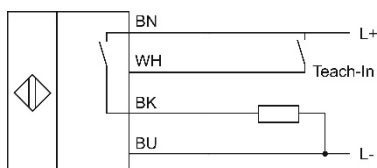
**switching distance adjustable  
via teach-in**



### Technical data

|                             |                                      |
|-----------------------------|--------------------------------------|
| dimensions                  | 34 x 34 x 8mm                        |
| switching distance          | 0 ... 10mm                           |
| operating voltage           | 10 ... 30V DC                        |
| current consumption         | < 15mA                               |
| switching frequency         | ≤ 2Hz                                |
| output circuit              | NO                                   |
| output current max.         | 200mA                                |
| voltage drop (max. load)    | ≤ 2.0V                               |
| LED-display                 | +                                    |
| short-circuit protection    | +                                    |
| reverse polarity protection | +                                    |
| ambient temperature         | -25 ... +70°C                        |
| protection class (EN 60529) | IP68                                 |
| material (housing)          | PA                                   |
| connection                  | 2m cable, PVC, 4x0.14mm <sup>2</sup> |

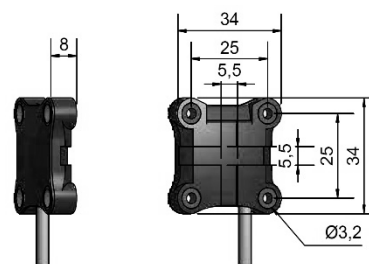
### Connection



**colors:** BN = brown, WH = white, BU = blue, BK = black

**functions:** BN = L+, WH = teach-in, BU = L-, BK = PNP, NO

### Dimensional drawing



**LED-display teach function**



**Note:** After teaching, please make sure that the teach-wire remains unconnected.

**SAFETY WARNINGS**

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

Never use these articles in applications where the safety of a person depends on their functionality.