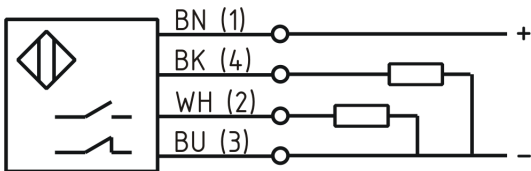


[Article Page](#)

| Product Description        |                                                                                              | capacitive sensor DC |  |
|----------------------------|----------------------------------------------------------------------------------------------|----------------------|--|
| Name                       | SC30-Q40KB-DPA-V2                                                                            |                      |  |
| Order number               | 08323443052                                                                                  |                      |  |
| Switching distance         | 30 mm                                                                                        |                      |  |
| Mounting                   |  shielded   |                      |  |
| Switch type                |  Changeover |                      |  |
| Signal Type                | DC PNP                                                                                       |                      |  |
| Connection                 |  Connector  |                      |  |
| Connection diagramm        |            |                      |  |
| Dimension (in mm)          | Q 40 x 40 x 120                                                                              |                      |  |
| Technical Specification    |                                                                                              |                      |  |
| Operating voltage          | 10 - 30 VDC                                                                                  |                      |  |
| Max. ripple                | ≤ 10 %                                                                                       |                      |  |
| Voltage drop               | 2 V                                                                                          |                      |  |
| Max. load current          | 300 mA                                                                                       |                      |  |
| No load current            | ≤ 10 mA                                                                                      |                      |  |
| Leakage current            | ≤ 10 µA                                                                                      |                      |  |
| Switching frequency        | 100                                                                                          |                      |  |
| Switching hysteresis       | ≤ 15 %                                                                                       |                      |  |
| Operating temperature      | -25 ° C to 70 ° C                                                                            |                      |  |
| Temperature drift          | ≤ 10 %                                                                                       |                      |  |
| Repeat accuracy            | ≤ 5 %                                                                                        |                      |  |
| Switching state            | LED                                                                                          |                      |  |
| Digital output             |                                                                                              |                      |  |
| Short-circuit proof        | yes                                                                                          |                      |  |
| Overload protection        | yes                                                                                          |                      |  |
| Reverse voltage protection | yes                                                                                          |                      |  |
| Protection category        | IP67                                                                                         |                      |  |
| EMC-level                  | DIN EN 60947-5-2:2008                                                                        |                      |  |
| Housing material           | PBT                                                                                          |                      |  |
| Termination                | Connector M12 4pol                                                                           |                      |  |



## SC30-Q40KB-DPA-V2

Pulsotronic GmbH & Co. KG Neue Schichtstraße 14b 09366 Niederdorf Deutschland +49 (0)37296 930-200

**Errors and omissions excepted**