


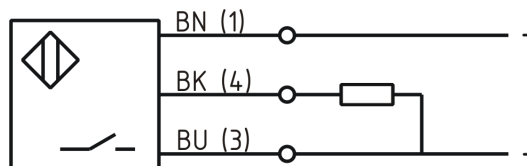


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**Product Description** **capacitive sensor DC**

|                    |   |
|--------------------|---|
| Name               | SC4-M12MB80-DPS-V2  |
| Order number       | 08323120412   |
| Switching distance | 4 mm  |
| Mounting           |  shielded  |
| Switch type        |  N.O.      |
| Signal Type        | DC PNP  |
| Connection         |  Connector |

Connection diagramm



|                   |                            |
|-------------------|----------------------------|
| Dimension (in mm) | fine-pitch thread M12 x 60 |
|-------------------|----------------------------|

**Technical Specification**

|                            |                       |
|----------------------------|-----------------------|
| Operating voltage          | 10 - 30 V DC          |
| Max. ripple                | ≤ 10 %                |
| Voltage drop               | 2 V                   |
| Max. load current          | 200 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 |
| Material active face       | POM                   |
| Termination                | Connector M12 4pol    |

**Errors and omissions excepted**