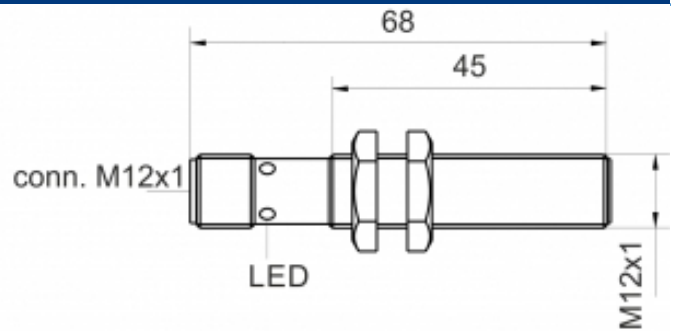
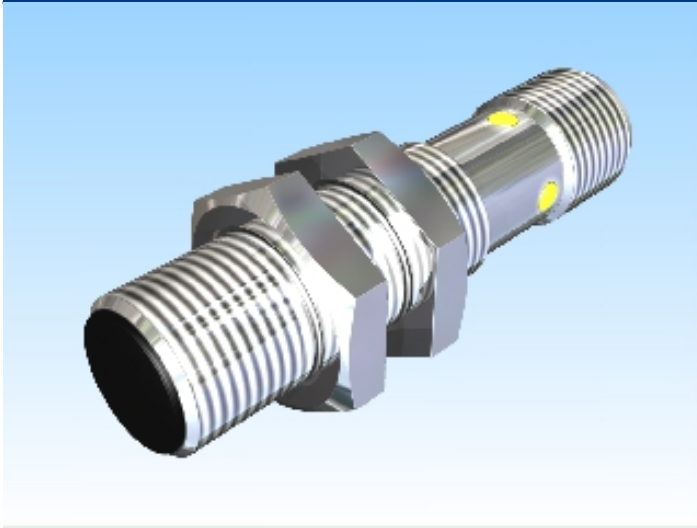


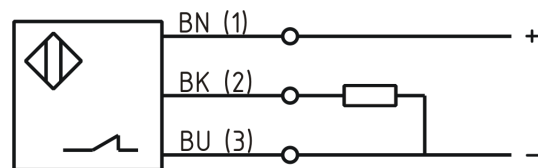
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**Product Description**

**inductive sensor DC**



|                     |                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------|
| Name                | SJ6-M12MB68-DPÖ-V2                                                                           |
| Order number        | 08313061222                                                                                  |
| Switching distance  | 6 mm                                                                                         |
| Mounting            |  shielded |
| Switch type         |  N.C.     |
| Signal Type         | DC PNP                                                                                       |
| Connection          | connector M12                                                                                |
| Connection diagramm |                                                                                              |



|                   |                            |
|-------------------|----------------------------|
| Dimension (in mm) | fine-pitch thread M12 x 68 |
|-------------------|----------------------------|

**Technical Specification**

|                       |                         |
|-----------------------|-------------------------|
| Special features      | quasi-shielded mounting |
| Operating voltage     | 10 - 30 VDC             |
| Max. ripple           | ≤ 10 %                  |
| Voltage drop          | 1 V                     |
| Max. load current     | 200 mA                  |
| No load current       | ≤ 10 mA                 |
| Leakage current       | ≤ 10 µA                 |
| Switching frequency   | 1000 Hz                 |
| Switching hysteresis  | ≤ 15 %                  |
| Operating temperature | -25 ° C to 70 ° C       |

|                            |                       |
|----------------------------|-----------------------|
| Temperature drift          | < 10 %                |
| Repeat accuracy            | ≤ 2 %                 |
| Switching state            | LED                   |
| Time delay                 | 200 ms                |
| Short-circuit proof        | yes                   |
| Overload protection        | yes                   |
| Reverse voltage protection | yes                   |
| Protection category        | IP67                  |
| EMC-level                  | DIN EN 60947-5-2:2008 |
| Housing material           | Brass, nickel plated  |
| Material active face       | POM                   |
| Utilisation category       | DC 13                 |
| Contact material           | CuSn                  |
| Contact surface material   | NiAu                  |
| Termination                | Connector M12 4pol    |

**Errors and omissions excepted**