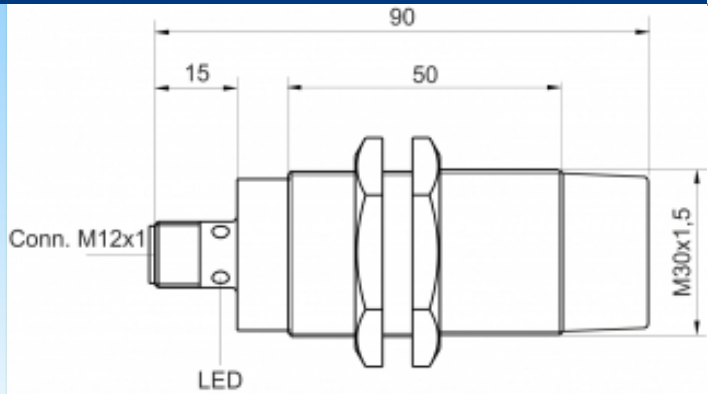
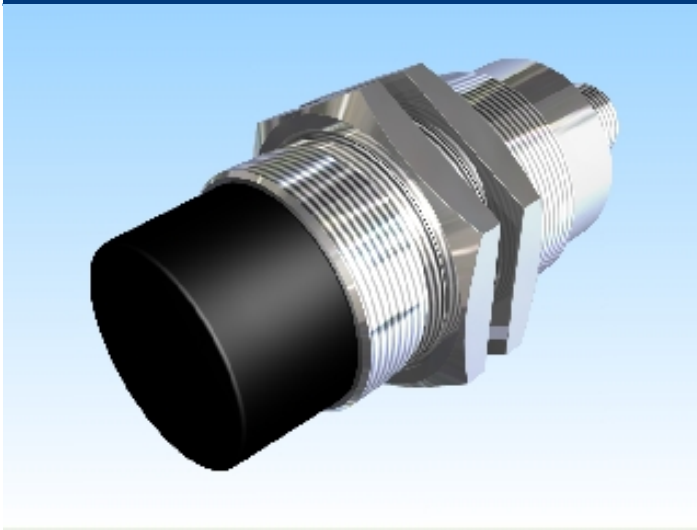


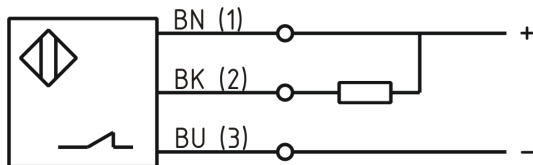
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**Product Description**

**inductive sensor DC**



|                     |                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------|
| Name                | SJ40-M30MN95-DNÖ-V2                                                                              |
| Order number        | 08313403042                                                                                      |
| Switching distance  | 40 mm                                                                                            |
| Mounting            |  non shielded |
| Switch type         |  N.C.         |
| Signal Type         | DC NPN                                                                                           |
| Connection          | connector M12                                                                                    |
| Connection diagramm |                                                                                                  |



|                   |                            |
|-------------------|----------------------------|
| Dimension (in mm) | fine-pitch thread M30 x 90 |
|-------------------|----------------------------|

**Technical Specification**

|                       |                   |
|-----------------------|-------------------|
| Operating voltage     | 10 - 30 VDC       |
| Max. ripple           | ≤ 10 %            |
| Voltage drop          | 2 V               |
| Max. load current     | 200 mA            |
| No load current       | ≤ 10 mA           |
| Leakage current       | ≤ 50 µA           |
| Switching frequency   | 100 Hz            |
| Switching hysteresis  | ≤ 15 %            |
| Operating temperature | -25 ° C to 70 ° C |
| Temperature drift     | ≤ 10 %            |

|                            |                       |
|----------------------------|-----------------------|
| Repeat accuracy            | ≤ 5 %                 |
| Switching state            | LED                   |
| Time delay                 | 300 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       | PBT                   |
| Utilisation category       | DC 13                 |
| Contact material           | CuSn                  |
| Contact surface material   | NiAu                  |
| Nominal operating voltage  | 24 V DC               |
| Termination                | Connector M12 4pin    |

**Errors and omissions exceptet**