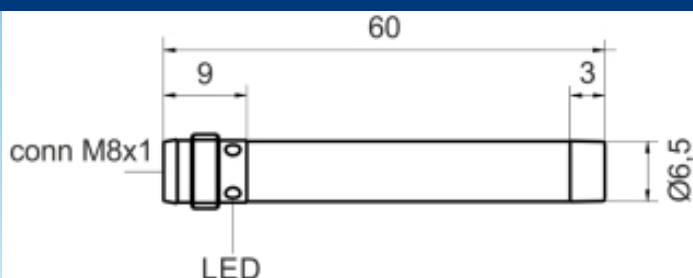
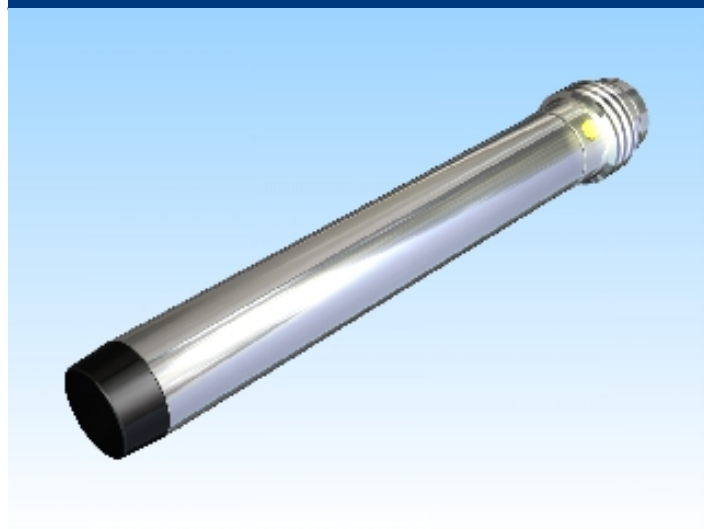


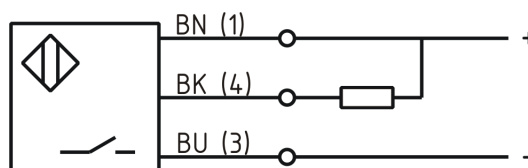
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**Product Description**

**inductive sensor DC**



|                     |                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------|
| Name                | SJ6-G6,5MN60-DNS-V1                                                                              |
| Order number        | 08313066531                                                                                      |
| Switching distance  | 6 mm                                                                                             |
| Mounting            |  non shielded |
| Switch type         |  N.O.         |
| Signal Type         | DC NPN                                                                                           |
| Connection          | connector M8                                                                                     |
| Connection diagramm |                                                                                                  |



|                   |            |
|-------------------|------------|
| Dimension (in mm) | D 6,5 x 60 |
|-------------------|------------|

**Technical Specification**

|                       |                       |
|-----------------------|-----------------------|
| Operating voltage     | 10 - 30 VDC           |
| Max. ripple           | $\leq 10 \%$          |
| Voltage drop          | 1 V                   |
| Max. load current     | 200 mA                |
| No load current       | $\leq 10 \text{ mA}$  |
| Leakage current       | $\leq 10 \mu\text{A}$ |
| Switching frequency   | 1000                  |
| Switching hysteresis  | $\leq 15 \%$          |
| Operating temperature | -25 ° C to 70 ° C     |
| Temperature drift     | $\leq 10 \%$          |

|                            |                        |
|----------------------------|------------------------|
| Repeat accuracy            | < 2 %                  |
| Switching state            | LED                    |
| 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                  |
| Termination                | Connector M8 3pin      |

**Errors and omissions excepted**