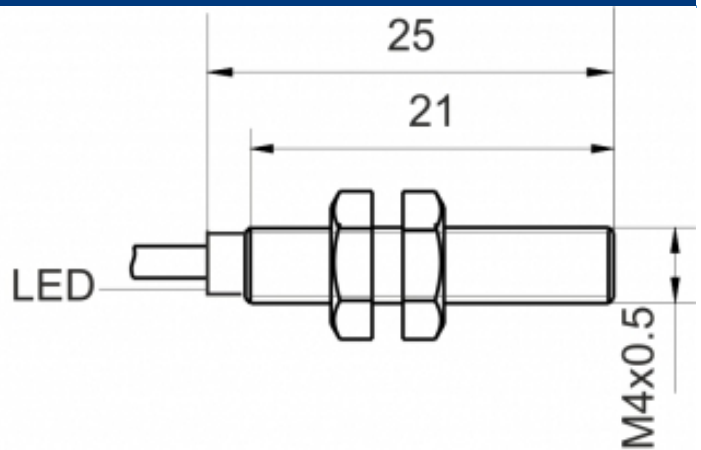
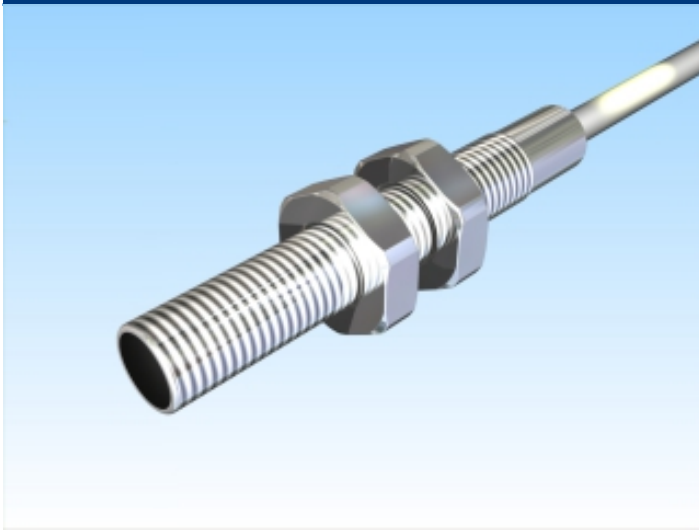


[Article Page](#)

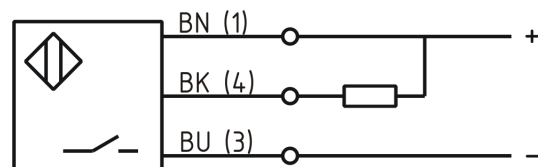
**Product Description**

**inductive sensor DC**



|              |                                                                                             |
|--------------|---------------------------------------------------------------------------------------------|
| Name         | SJ0,8-M4EB25-DNS                                                                            |
| Order number | 08313040087                                                                                 |
| Mounting     |  shielded |
| Switch type  |  N.O.    |
| Signal Type  | DC NPN                                                                                      |
| Connection   |  Cable   |

Connection diagramm



|                   |                           |
|-------------------|---------------------------|
| Dimension (in mm) | fine-pitch thread M4 x 25 |
|-------------------|---------------------------|

**Technical Specification**

|                       |                   |
|-----------------------|-------------------|
| 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   | 2000 Hz           |
| Switching hysteresis  | ≤ 15 %            |
| Operating temperature | -25 ° C to 70 ° C |
| Temperature drift     | ≤ 10 %            |

|                            |                        |
|----------------------------|------------------------|
| Repeat accuracy            | ≤ 2 %                  |
| Switching state            | LED                    |
| Time delay                 | 100 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           | Stainless steel V2A    |
| Material active face       | POM                    |
| Cable length               | 2 m                    |
| Utilisation category       | DC 13                  |
| Cable material             | PUR LIY11Y grau (gre   |
| Nominal operating voltage  | 24 V DC                |
| Cable cross                | 3x0.15 mm <sup>2</sup> |

**Errors and omissions exceptet**