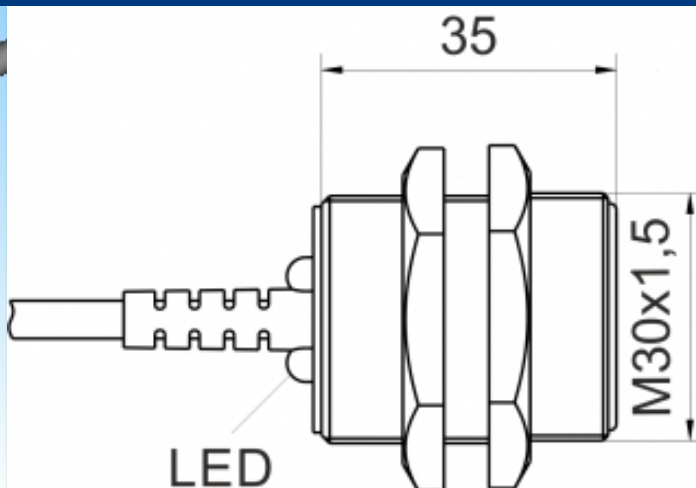


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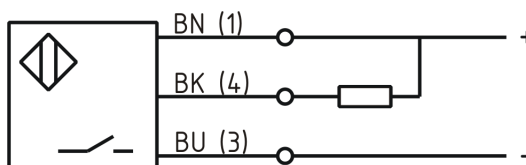
**Product Description**

**inductive sensor DC**



|                    |                                                                                              |
|--------------------|----------------------------------------------------------------------------------------------|
| Name               | KJ10-M30MB35-DNS                                                                             |
| Order number       | 08317862100                                                                                  |
| Matchcode          | 9986-2100                                                                                    |
| Switching distance | 10 mm                                                                                        |
| Mounting           |  shielded |
| Switch type        |  N.O.     |
| Signal Type        | DC NPN                                                                                       |
| Connection         |  Cable    |

Connection diagramm



|                   |                            |
|-------------------|----------------------------|
| Dimension (in mm) | fine-pitch thread M30 x 35 |
|-------------------|----------------------------|

**Technical Specification**

|                      |                       |
|----------------------|-----------------------|
| Operating voltage    | 10 - 30 V DC          |
| Max. ripple          | $\leq 10 \%$          |
| Voltage drop         | 2,4 V                 |
| Max. load current    | 200 mA                |
| No load current      | $\leq 10 \text{ mA}$  |
| Leakage current      | $\leq 10 \mu\text{A}$ |
| Switching frequency  | 500 Hz                |
| Switching hysteresis | $\leq 15 \%$          |

|                            |                        |
|----------------------------|------------------------|
| Operating temperature      | -25 ° C to 70 ° C      |
| Temperature drift          | ≤ 10 %                 |
| Repeat accuracy            | ≤ 10 %                 |
| 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       | PA 6.6 sw              |
| Cable length               | 2 m                    |
| Utilisation category       | DC 13                  |
| Cable material             | PVC grau LIYY          |
| Cable cross                | 3x0.34 mm <sup>2</sup> |

**Errors and omissions excepted**