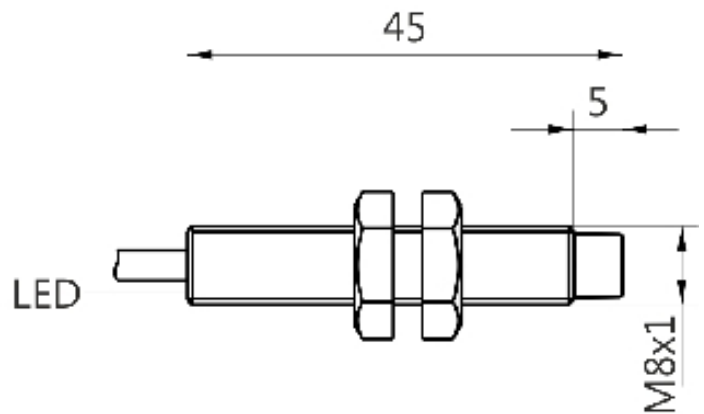
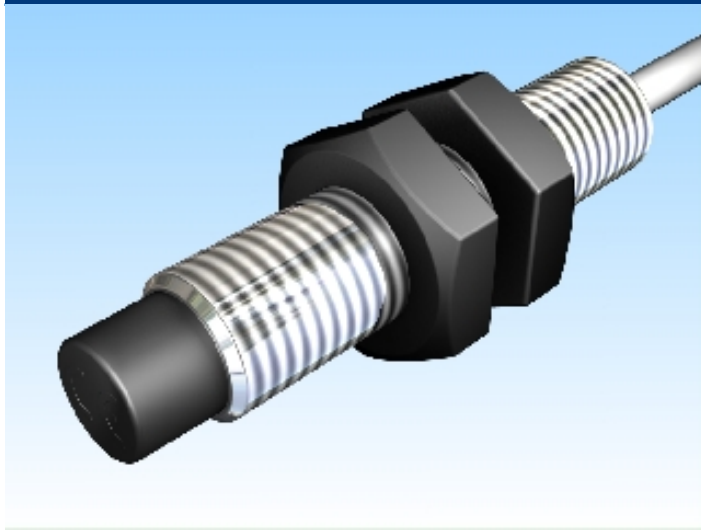


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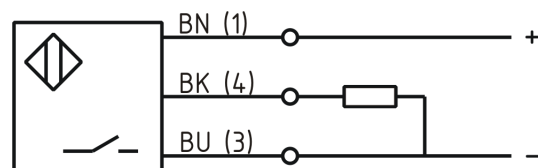
**Product Description**

**inductive sensor DC**



|                    |                                                                                                  |
|--------------------|--------------------------------------------------------------------------------------------------|
| Name               | KJ6-M8MN45-DPS                                                                                   |
| Order number       | 08317815200                                                                                      |
| Matchcode          | 9981-5200                                                                                        |
| Switching distance | 6 mm                                                                                             |
| Mounting           |  non shielded |
| Switch type        |  N.O.         |
| Signal Type        | DC PNP                                                                                           |
| Connection         |  Cable        |

Connection diagramm



|                   |                           |
|-------------------|---------------------------|
| Dimension (in mm) | fine-pitch thread M8 x 45 |
|-------------------|---------------------------|

**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  | 1000 Hz     |
| Switching hysteresis | ≤ 15 %      |

|                            |                        |
|----------------------------|------------------------|
| Operating temperature      | -25 ° C to 70 ° C      |
| Temperature drift          | < 10 %                 |
| Repeat accuracy            | ≤ 2 %                  |
| 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       | POM                    |
| Cable length               | 2 m                    |
| Utilisation category       | DC 13                  |
| Cable material             | PVC LIYY grau (grey)   |
| Cable cross                | 3x0.14 mm <sup>2</sup> |

**Errors and omissions exceptet**