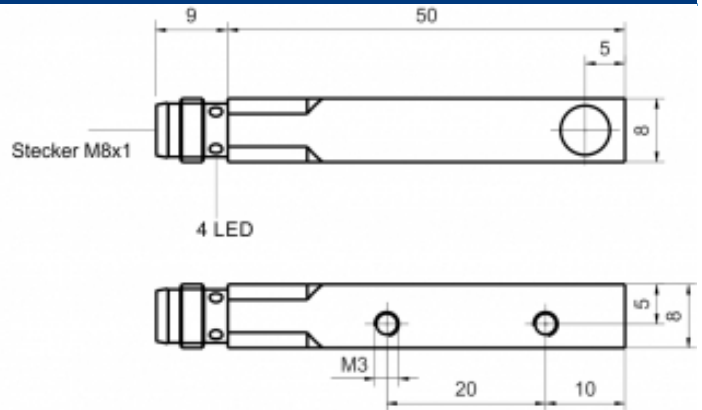


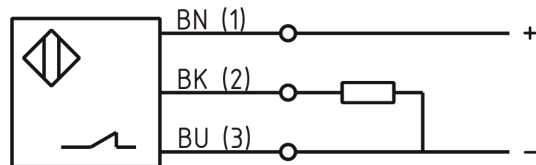
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**Product Description**

**inductive sensor DC**



|                     |                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------|
| Name                | KJ3-Q8MB60-DPÖ-V1                                                                            |
| Order number        | 08313880321                                                                                  |
| Switching distance  | 3 mm                                                                                         |
| Mounting            |  shielded |
| Switch type         |  N.C.     |
| Signal Type         | DC PNP                                                                                       |
| Connection          | connector M8                                                                                 |
| Connection diagramm |                                                                                              |



|                   |              |
|-------------------|--------------|
| Dimension (in mm) | Q 8 x 8 x 60 |
|-------------------|--------------|

**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       | $\leq 13 \text{ mA}$  |
| Leakage current       | $\leq 10 \mu\text{A}$ |
| Switching frequency   | 1000 Hz               |
| Switching hysteresis  | $\leq 15 \%$          |
| Operating temperature | -25°C ° C to 70 ° C   |
| Temperature drift     | $\leq 10 \%$          |

|                                  |                             |
|----------------------------------|-----------------------------|
| Repeat accuracy                  | ≤ 5 %                       |
| Switching state                  | LED                         |
| Time delay                       | 300 ms                      |
| Short-circuit proof              | yes                         |
| Overload protection              | yes                         |
| Reverse voltage protection       | yes                         |
| Protection category              | IP 67                       |
| EMC-level                        | nach DIN EN 60947-5-2: 2008 |
| Housing material                 | Brass, nickel plated        |
| Material active face             | Ultramid schwarz (black)    |
| Utilisation category             | DC 13                       |
| Contact material                 | Cu                          |
| Contact surface material         | NiAu                        |
| Termination                      | Connector M8 3pin           |
| FIT / MTTF acc. to SIEMENS 29500 | 52,25 / 2185y               |

**Errors and omissions exceptet**