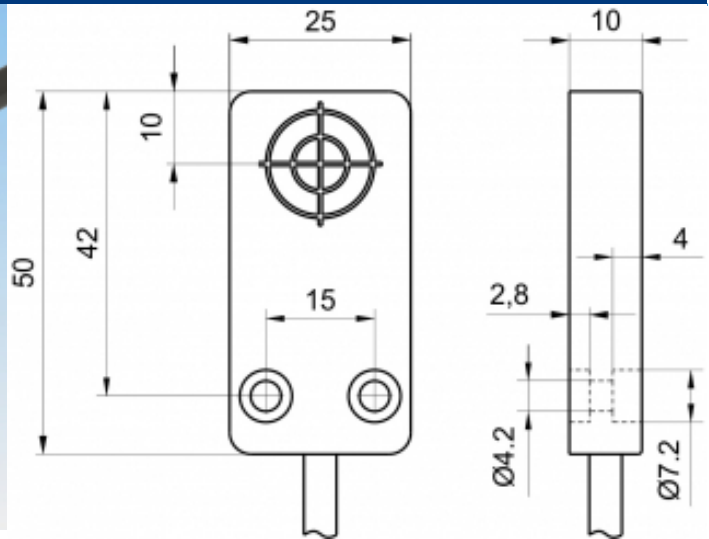
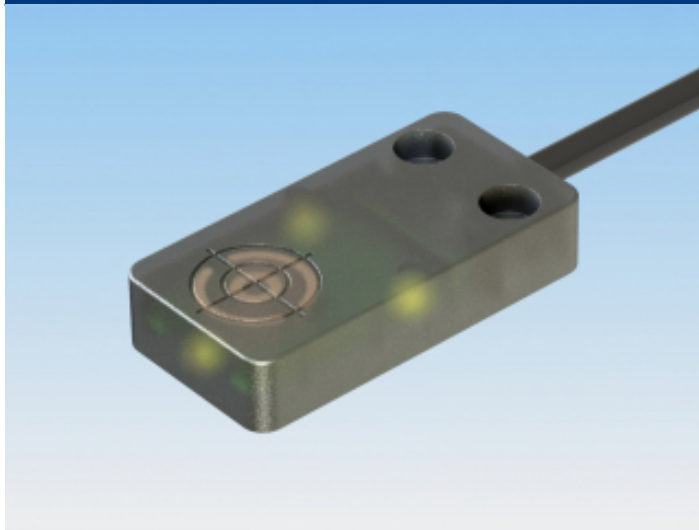
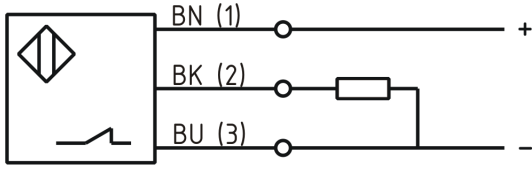


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**Product Description**

**inductive sensor DC**



|                     |                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------|
| Name                | KJ8-Q25KN-DPÖ                                                                                    |
| Order number        | 08310001952                                                                                      |
| Switching distance  | 8 mm                                                                                             |
| Mounting            |  non shielded |
| Switch type         |  N.C.         |
| Signal Type         | DC PNP                                                                                           |
| Connection          |  Cable        |
| Connection diagramm |              |

|                   |                |
|-------------------|----------------|
| Dimension (in mm) | Q 25 x 10 x 50 |
|-------------------|----------------|

**Technical Specification**

|                       |                   |
|-----------------------|-------------------|
| Operating voltage     | 10 - 30 VDC       |
| Max. ripple           | ≤ 10 %            |
| Voltage drop          | 2,4 V             |
| Max. load current     | 200 mA            |
| No load current       | ≤ 13 mA           |
| Leakage current       | ≤ 10 µA           |
| Switching frequency   | 800 Hz            |
| Switching hysteresis  | ≤ 15 %            |
| Operating temperature | -25 ° C to 70 ° C |

|                            |                        |
|----------------------------|------------------------|
| Temperature drift          | ≤ 10 %                 |
| Repeat accuracy            | ≤ 5 %                  |
| Switching state            | LED                    |
| Short-circuit proof        | yes                    |
| Overload protection        | yes                    |
| Reverse voltage protection | yes                    |
| Protection category        | IP 67                  |
| EMC-level                  | DIN EN 60947-5-2: 2008 |
| Housing material           | PA 6.6                 |
| Cable length               | 2 m                    |
| Utilisation category       | DC 13                  |
| Cable material             | PVC                    |
| Nominal operating voltage  | 24 V DC                |
| Cable cross                | 3x0.34 mm <sup>2</sup> |
| FIT / MTTF                 | 90,13 / 1267y          |

**Errors and omissions excepted**