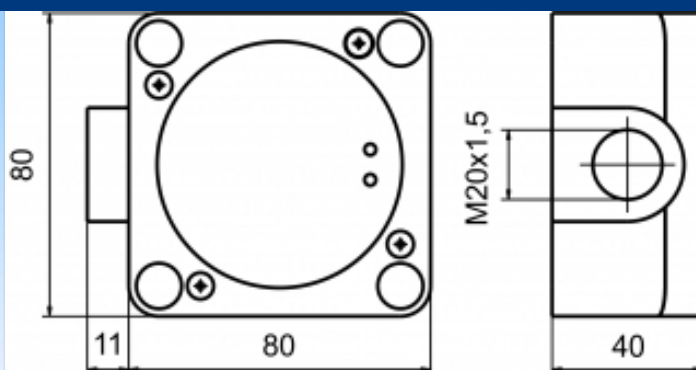
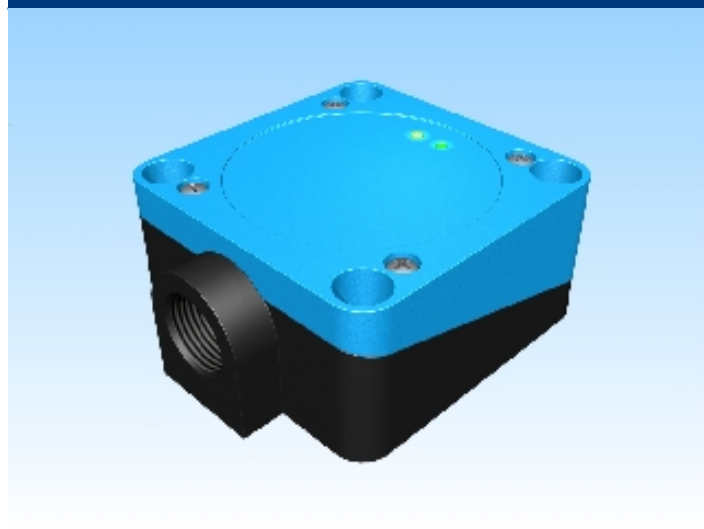


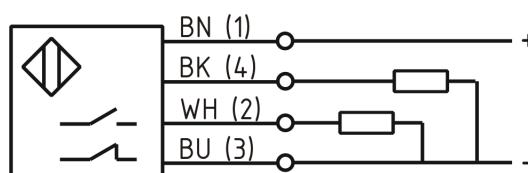
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**Product Description**

**inductive sensor DC**



|                     |                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------|
| Name                | KJ50-Q80KN-DPA                                                                                   |
| Order number        | 08317651000                                                                                      |
| Matchcode           | 9865-1000                                                                                        |
| Switching distance  | 50 mm                                                                                            |
| Mounting            |  non shielded |
| Switch type         |  Changeover   |
| Signal Type         | DC PNP                                                                                           |
| Connection          | Terminal                                                                                         |
| Connection diagramm |                                                                                                  |



|                   |                |
|-------------------|----------------|
| Dimension (in mm) | Q 80 x 40 x 80 |
|-------------------|----------------|

**Technical Specification**

|                       |                   |
|-----------------------|-------------------|
| Operating voltage     | 10 - 30 V DC      |
| Max. ripple           | ≤ 10 %            |
| Voltage drop          | 2,4 V             |
| Max. load current     | 200 mA            |
| No load current       | ≤ 22 mA           |
| Leakage current       | ≤ 10 µA           |
| Switching frequency   | 100               |
| Switching hysteresis  | ≤ 15 %            |
| Operating temperature | -25 ° C to 70 ° C |

|                            |                        |
|----------------------------|------------------------|
| Temperature drift          | ≤ 10 %                 |
| Repeat accuracy            | ≤ 2 %                  |
| Operating state            | LED                    |
| 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           | PA 6.6                 |
| Utilisation category       | DC 13                  |

**Errors and omissions excepted**