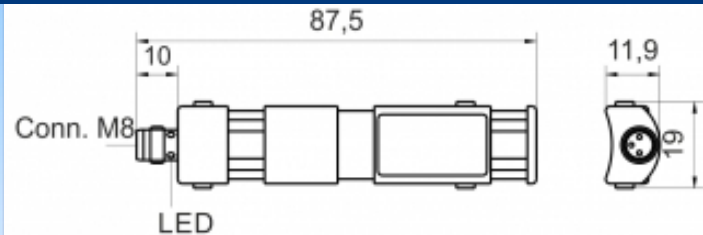
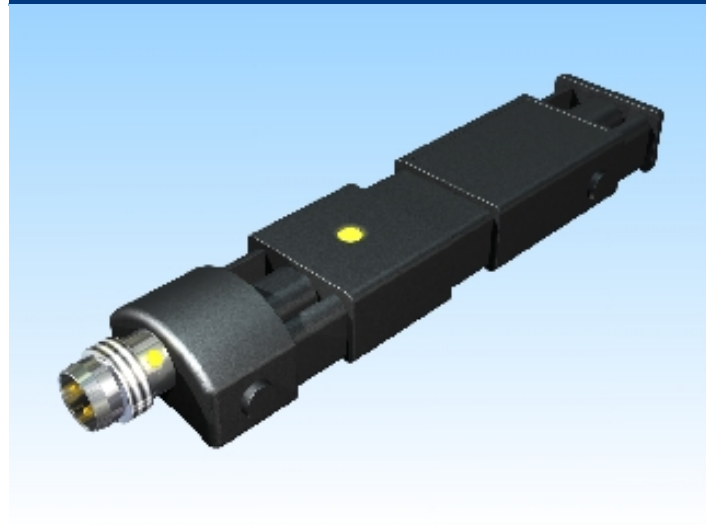


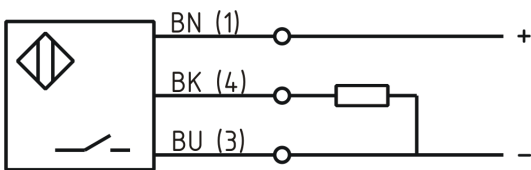


[Article Page](#)

**Product Description** **inductive tube sensor**



|                     |  |
|---------------------|--|
| Name                | KJ16-Q16KN-DPS-V1  |
| Order number        | 08310000903  |
| Switching distance  | 16 mm  |
| Mounting            |  non shielded |
| Switch type         |  N.O.         |
| Signal Type         | DC PNP   |
| Connection          | connector M8   |
| Connection diagramm |  |



|                   |                  |
|-------------------|------------------|
| Dimension (in mm) | S 19 x 11 x 87.5 |
| art_gewicht       | 40               |

**Technical Specification**

|                   |   |
|-------------------|---|
| Special features  | Tube sensor with dynamic function<br><br>for detection of moving parts in plastic hoses |
| Operating voltage | 10 - 30 V DC  |
| Max. ripple       | ≤ 10 %  |
| Voltage drop      | 2,4 V   |
| Max. load current | 200 mA  |
| No load current   | ≤ 10 mA   |
| Leakage current   | ≤ 10 μA   |

|                            |                        |
|----------------------------|------------------------|
| Switching hysteresis       | ≤ 15 %                 |
| Operating temperature      | -25 ° C to 70 ° C      |
| Temperature drift          | ≤ 10 %                 |
| Repeat accuracy            | ≤ 10 %                 |
| 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           | Plastic                |
| Utilisation category       | DC 13                  |
| Termination                | Connector M8 3pin      |

**Errors and omissions excepted**