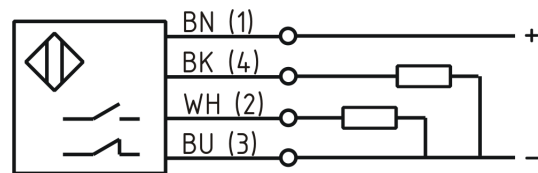


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**Product Description** **inductive ring sensor**

|              |                                                                                                |
|--------------|------------------------------------------------------------------------------------------------|
| Name         | KJR-D50FAN-DPIA-V2                                                                             |
| Order number | 08317010865                                                                                    |
| Mounting     |  non shielded |
| Switch type  |  Changeover   |
| Signal Type  | DC PNP                                                                                         |
| Connection   |  Connector    |

Connection diagramm



|                   |                  |
|-------------------|------------------|
| Dimension (in mm) | R 166 x 80 x 166 |
|-------------------|------------------|

**Technical Specification**

|                            |                       |
|----------------------------|-----------------------|
| Operating voltage          | 11 - 30 VDC           |
| Max. ripple                | $\leq 10 \%$          |
| Voltage drop               | 2,4 V                 |
| Max. load current          | 50 mA                 |
| No load current            | $\leq 25 \text{ mA}$  |
| Leakage current            | 50 $\mu\text{A}$      |
| Switching frequency        | 100                   |
| Switching hysteresis       | $\leq 15 \%$          |
| Operating temperature      | -25 ° C to 70 ° C     |
| Switching state            | LED                   |
| Digital output             |                       |
| Real sensitivity           | 1 mm Kugel Fe         |
| Short-circuit proof        | yes                   |
| Overload protection        | yes                   |
| Reverse voltage protection | yes                   |
| Protection category        | IP54                  |
| EMC-level                  | DIN EN 60947-5-2:2008 |
| Housing material           | Aluminum              |
| Termination                | Connector M12 4pol    |

**Errors and omissions exceptet**