


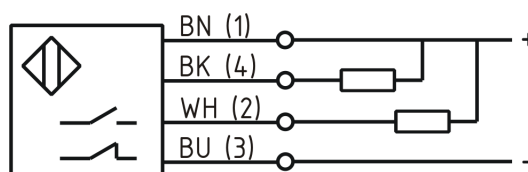


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**Product Description** **inductive ring sensor**

|              |  |
|--------------|--|
| Name         | KJR-D300AN-DNA-V2  |
| Order number | 08317071165  |
| Mounting     |  non shielded |
| Switch type  |  Changeover   |
| Signal Type  | DC NPN   |
| Connection   |  Connector    |

Connection diagramm



|                   |                   |
|-------------------|-------------------|
| Dimension (in mm) | R 397 x 160 x 397 |
|-------------------|-------------------|

**Technical Specification**

|                            |                       |
|----------------------------|-----------------------|
| Operating voltage          | 10 - 30 VDC           |
| Max. ripple                | ≤ 10 %                |
| Voltage drop               | 2,4 V                 |
| Max. load current          | 50 mA                 |
| No load current            | < 10 mA               |
| Leakage current            | ≤ 10 µA               |
| Switching frequency        | 300                   |
| Switching hysteresis       | ≤ 15 %                |
| Operating temperature      | -25 ° C to 70 ° C     |
| Switching state            | LED                   |
| Digital output             |                       |
| Real sensitivity           | 30,0 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**