


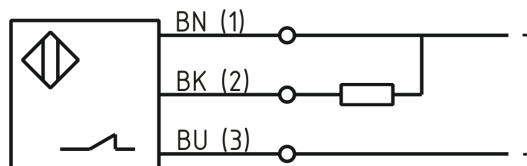


[Article Page](#)

**Product Description** **inductive sensor metal face DC**

|                    |   |
|--------------------|---|
| Name               | SJD5-M18EB80-DNÖ-V2   |
| Order number       | 08313181541   |
| Switching distance | 5 mm  |
| Mounting           |  shielded  |
| Switch type        |  N.C.      |
| Signal Type        | DC NPN  |
| Connection         |  Connector |

Connection diagramm



**Technical Specification**

|                            |                       |
|----------------------------|-----------------------|
| Operating voltage          | 10 - 30 V DC          |
| Max. ripple                | ≤ 10 %                |
| Voltage drop               | 1,5 V                 |
| Max. load current          | 200 mA                |
| No load current            | ≤ 10 mA               |
| Leakage current            | ≤ 10 µA               |
| Switching frequency        | 1000                  |
| Switching hysteresis       | ≤ 15 %                |
| Operating temperature      | -25 ° C to 70 ° C     |
| Temperature drift          | ≤ 10 %                |
| Repeat accuracy            | ≤ 1 %                 |
| Switching state            | LED                   |
| Digital output             |                       |
| Short-circuit proof        | yes                   |
| Overload protection        | yes                   |
| Reverse voltage protection | yes                   |
| Protection category        | IP67                  |
| EMC-level                  | DIN EN 60947-5-2:2008 |
| Housing material           | Stainless steel V2A   |
| Termination                | Connector M12 4pol    |

**Errors and omissions exceptet**