


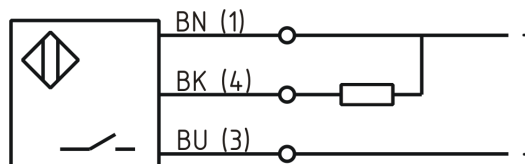


[Article Page](#)

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

|                    |  |
|--------------------|--|
| Name               | SJD5-M18EB55-DNS   |
| Order number       | 08313181530  |
| Switching distance | 5 mm   |
| Mounting           |  shielded |
| Switch type        |  N.O.     |
| Signal Type        | DC NPN   |
| Connection         |  Cable    |

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                | 2m PVC 3x0,34mm <sup>2</sup> |

**Errors and omissions exceptet**