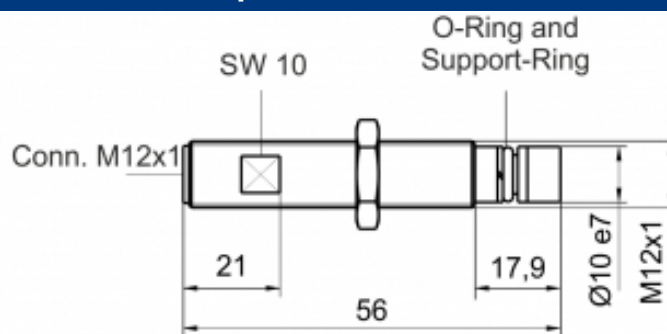


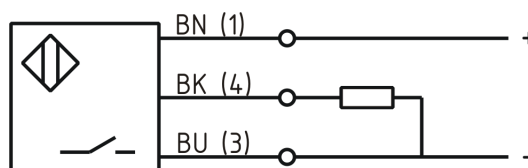
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**Product Description**

**inductive sensor pressure resistant**



|                     |                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------|
| Name                | KJD2-M12EB56-DPS-V2/500/17,9                                                                 |
| Order number        | 08310001746                                                                                  |
| Switching distance  | 2 mm                                                                                         |
| Mounting            |  shielded |
| Switch type         |  N.O.     |
| Signal Type         | DC PNP                                                                                       |
| Connection          | connector M12                                                                                |
| Connection diagramm |                                                                                              |



|                   |                            |
|-------------------|----------------------------|
| Dimension (in mm) | fine-pitch thread M12 x 56 |
|-------------------|----------------------------|

**Technical Specification**

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Special features      | pressure: 500 bar<br>length pressure resistant area: 17,9 mm |
| Operating voltage     | 10 - 30 V DC                                                 |
| Voltage drop          | 2,4 V                                                        |
| Max. load current     | 200 mA                                                       |
| No load current       | ≤ 10 mA                                                      |
| Leakage current       | ≤ 10 µA                                                      |
| Switching frequency   | 400                                                          |
| Switching hysteresis  | ≤ 15 %                                                       |
| Operating temperature | -25 ° C to 90 ° C                                            |

|                            |                        |
|----------------------------|------------------------|
| Temperature drift          | $\leq 10 \%$           |
| Repeat accuracy            | $\leq 5 \%$            |
| Short-circuit proof        | yes                    |
| Overload protection        | yes                    |
| Reverse voltage protection | yes                    |
| Protection category        | IP69K                  |
| EMC-level                  | DIN EN 60947-5-2: 2008 |
| Housing material           | Stainless steel V2A    |
| Utilisation category       | DC 13                  |

**Errors and omissions excepted**