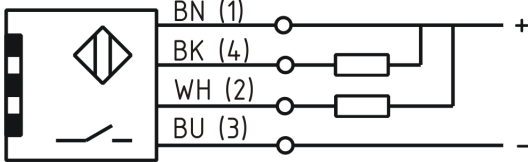


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| Product Description |                                                                                                 | magnetostrictive sensor |
|---------------------|-------------------------------------------------------------------------------------------------|-------------------------|
| Name                | KM2,5-M18MB-DNI-D9-V2                                                                           |                         |
| Order number        | 08330000182                                                                                     |                         |
| Switching distance  | 2,5 mm                                                                                          |                         |
| Mounting            |  shielded      |                         |
| Switch type         |  Impuls Output |                         |
| Signal Type         | DC NPN                                                                                          |                         |
| Connection          |  Connector     |                         |
| Connection diagramm |               |                         |

| Technical Specification    |                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------|
| Operating voltage          | 10 - 30 VDC                                                                                 |
| Voltage drop               | 1,5 V                                                                                       |
| Max. load current          | 100 mA                                                                                      |
| No load current            | ≤ 10 mA                                                                                     |
| Switching frequency        | 20000                                                                                       |
| Operating temperature      | -25 ° C to 70 ° C                                                                           |
| Temperature drift          | ≤ 10 %                                                                                      |
| Digital output             |                                                                                             |
| Short-circuit proof        | yes                                                                                         |
| Overload protection        | yes                                                                                         |
| Reverse voltage protection | yes                                                                                         |
| Protection category        | IP67                                                                                        |
| EMC-level                  | DIN EN 60947-5-2:2008                                                                       |
| Material active face       | PA 6.6                                                                                      |
| Termination                | Connector M12 4pol                                                                          |
| Notes                      | <p>Auf Anfrage auch in Edelstahl und bis 120°C temperaturfest.</p> <p>90° Phasenversatz</p> |



## KM2,5-M18MB-DNI-D9-V2

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**Errors and omissions exceptet**