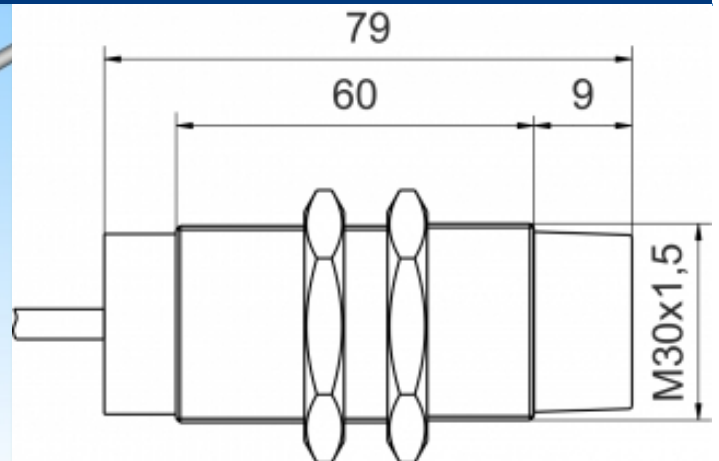
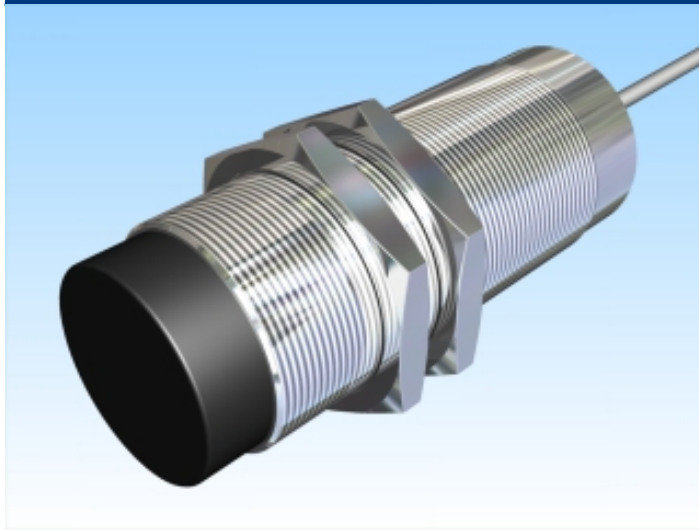


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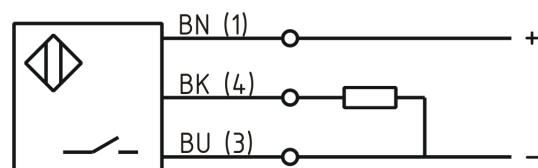
**Product Description**

**inductive sensor high temperature**



|                    |                                                                                                  |
|--------------------|--------------------------------------------------------------------------------------------------|
| Name               | KJ15-M30EN80-DPS-HT180-X0240                                                                     |
| Order number       | 08310002506                                                                                      |
| Switching distance | 15 mm                                                                                            |
| Mounting           |  non shielded |
| Switch type        |  N.O.         |
| Signal Type        | DC PNP                                                                                           |
| Connection         |  Cable        |

Connection diagramm



|                   |                            |
|-------------------|----------------------------|
| Dimension (in mm) | fine-pitch thread M30 x 80 |
|-------------------|----------------------------|

**Technical Specification**

|                     |                                                              |
|---------------------|--------------------------------------------------------------|
| Special features    | high temperature sensor up to 180°C<br>Connecting Cable PTFE |
| Operating voltage   | 10 - 35 V DC                                                 |
| Max. ripple         | ≤ 10 %                                                       |
| Voltage drop        | 2 V                                                          |
| Max. load current   | 150 mA                                                       |
| No load current     | ≤ 15 mA                                                      |
| Leakage current     | ≤ 250 µA                                                     |
| Switching frequency | 200 Hz                                                       |

|                            |                        |
|----------------------------|------------------------|
| Switching hysteresis       | ≤ 15 %                 |
| Operating temperature      | -25 ° C to 180 ° C     |
| Temperature drift          | +/- 15 %               |
| Repeat accuracy            | ≤ 3 %                  |
| Time delay                 | 2,5 ms                 |
| Short-circuit proof        | yes                    |
| Reverse voltage protection | yes                    |
| Protection category        | IP65                   |
| EMC-level                  | DIN EN 60947-5-2: 2008 |
| Housing material           | Stainless steel V2A    |
| Material active face       | VECTRA                 |
| Cable length               | 2 m                    |
| Utilisation category       | DC 13                  |
| Cable material             | PTFE                   |
| Conductor diameter         | 1,2 mm mm mm           |
| Nominal operating voltage  | 24 V DC                |
| Cable cross                | 3x0.22 mm <sup>2</sup> |
| MTTF acc. to SIEMENS 29500 | 185y                   |

**Errors and omissions excepted**