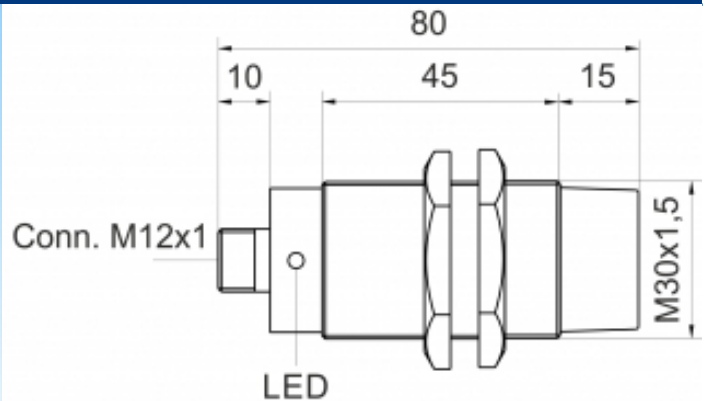
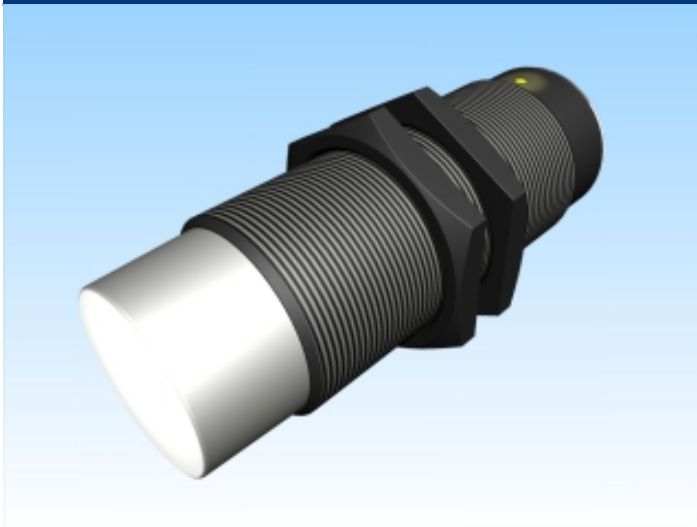


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**Product Description**

**inductive sensor weld immune**



|                     |                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------|
| Name                | KJ15-M30MN80-DPS-V2-SF                                                                           |
| Order number        | 08317665965                                                                                      |
| Matchcode           | 9966-5965                                                                                        |
| Switching distance  | 15 mm                                                                                            |
| Mounting            |  non shielded |
| Switch type         |  N.O.         |
| Signal Type         | DC PNP                                                                                           |
| Connection          | connector M12                                                                                    |
| Connection diagramm |              |

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

**Technical Specification**

|                   |                                                                                                                                          |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Special features  | resistant against welding current up to 20 kA in a distance of 25mm to wires<br>proofed against alternating magnetic fields up to 150 mT |
| Operating voltage | 10 - 30 V DC                                                                                                                             |
| Max. ripple       | ≤ 10 %                                                                                                                                   |
| Voltage drop      | 2,4 V                                                                                                                                    |
| Max. load current | 200 mA                                                                                                                                   |
| No load current   | ≤ 10 mA                                                                                                                                  |

|                                  |                       |
|----------------------------------|-----------------------|
| Leakage current                  | ≤ 10 µA               |
| Switching frequency              | 15 Hz                 |
| Switching hysteresis             | ≤ 15 %                |
| Operating temperature            | -25 ° C to 70 ° C     |
| Temperature drift                | ≤ 10 %                |
| Repeat accuracy                  | ≤ 10 %                |
| Switching state                  | LED                   |
| Time delay                       | 500 ms                |
| Short-circuit proof              | yes                   |
| Overload protection              | yes                   |
| Reverse voltage protection       | yes                   |
| Protection category              | IP67                  |
| EMC-level                        | DIN EN 60947-5-2:2008 |
| Housing material                 | Brass, nickel plated  |
| Material active face             | PCB                   |
| Utilisation category             | DC 13                 |
| Nominal operating voltage        | 24 V DC               |
| Termination                      | Connector M12 4pin    |
| FIT / MTTF acc. to SIEMENS 29500 | 145,00 / 787y         |

**Errors and omissions excepted**