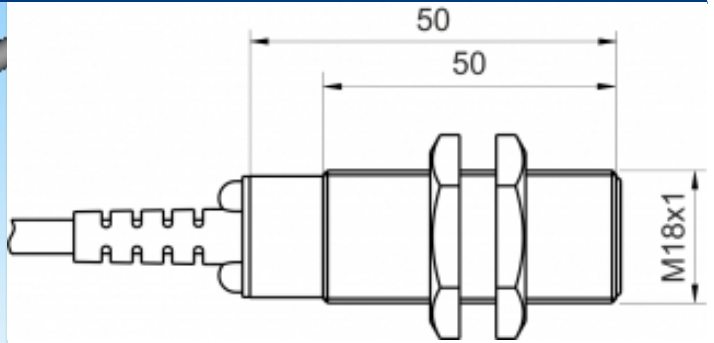


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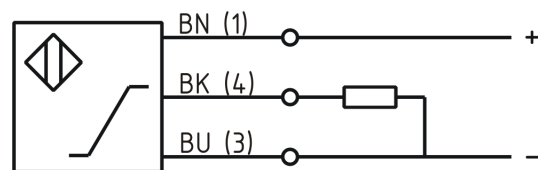
**Product Description**

**inductive sensor analogue**



|                    |                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------|
| Name               | KJ5-M18MB50-ANI                                                                                    |
| Order number       | 08317141700                                                                                        |
| Matchcode          | 9914-1700                                                                                          |
| Switching distance | 5 mm                                                                                               |
| Mounting           |  shielded       |
| Switch type        |  analog current |
| Signal Type        | analog current                                                                                     |
| Connection         |  Cable          |

Connection diagramm



|                   |                            |
|-------------------|----------------------------|
| Dimension (in mm) | fine-pitch thread M18 x 50 |
|-------------------|----------------------------|

**Technical Specification**

|                       |                            |
|-----------------------|----------------------------|
| Special features      | Output Current 4 ... 20 mA |
| Operating voltage     | 11 - 35 VDC                |
| Max. ripple           | $\leq 10 \%$               |
| Max. load current     | 30 mA                      |
| No load current       | $\leq 10 \text{ mA}$       |
| Switching frequency   | 400 Hz                     |
| Operating temperature | -25 ° C to 70 ° C          |
| Temperature drift     | +/-5 %                     |
| Repeat accuracy       | $\leq 1 \%$                |

|                                  |                          |
|----------------------------------|--------------------------|
| Linearity                        | ≤ 5 %                    |
| Analog output                    | Pulso_has1               |
| Time delay                       | 300 ms                   |
| Resolution                       | 3,56 mA / mm             |
| Reverse voltage protection       | yes                      |
| Protection category              | IP67                     |
| EMC-level                        | DIN EN 60947-5-7:2004-06 |
| Housing material                 | Brass, nickel plated     |
| Material active face             | PCB                      |
| Cable length                     | 2 m                      |
| Utilisation category             | DC 13                    |
| Cable material                   | PVC LIYY grau (grey)     |
| Nominal operating voltage        | 24 V DC                  |
| Cable cross                      | 3x0.34 mm <sup>2</sup>   |
| Minimum Load Resistor            | 1 kOhm                   |
| FIT / MTTF acc. to SIEMENS 29500 | 78,32 / 1458y            |

**Errors and omissions exceptet**