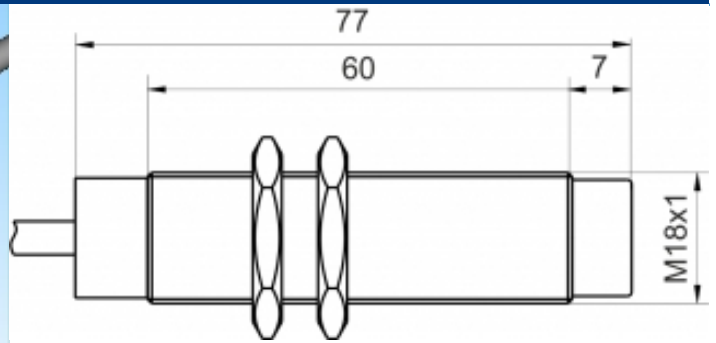





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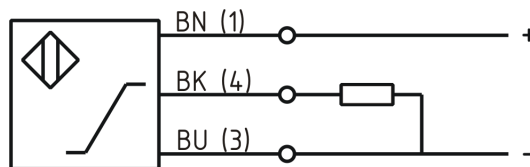
**Product Description**

**inductive sensor DC analogue**



|                    |  |
|--------------------|--|
| Name               | SJ7-M18MN80-ANUI   |
| Order number       | 08313180710  |
| Switching distance | from 1 mm to 7 mm  |
| Mounting           |  non shielded |
| Switch type        |  analog       |
| Signal Type        | Analog Current/Voltage   |
| Connection         |  Cable        |

Connection diagramm



|                   |                            |
|-------------------|----------------------------|
| Dimension (in mm) | fine-pitch thread M18 x 80 |
|-------------------|----------------------------|

**Technical Specification**

|                     |  |
|---------------------|--|
| Special features    | Output Voltage 0 ... 10 Volt<br>Output Current 0 ... 20 mA |
| Operating voltage   | 18 - 30 VDC  |
| Max. ripple         | ≤ 5 %  |
| No load current     | ≤ 15 mA  |
| Switching frequency | 30   |
| Temperature drift   | +/- 5 %  |
| Repeat accuracy     | < 0,02 %   |
| Linearity           | ≤ 10 %   |

|                           |                          |
|---------------------------|--------------------------|
| Time delay                | 300 ms                   |
| Protection category       | IP67                     |
| EMC-level                 | DIN EN 60947-5-7:2004-06 |
| Housing material          | Brass, nickel plated     |
| Material active face      | PBT                      |
| Cable length              | 2 m                      |
| Utilisation category      | DC 13                    |
| Cable material            | PVC LIYY grau (grey)     |
| Nominal operating voltage | 24 V DC                  |
| Cable cross               | 4x 0.5 mm <sup>2</sup>   |
| internal load resistor    | > 1kOhm                  |

**Errors and omissions exceptet**