



Inductive Sensors  
**BIP AD2-B040-02-S4**  
**Order Code: BIP0002**



**Interface**

Analog output	Analog, voltage 0...10 V
Output characteristic	Adjustable
Output voltage at SI max.	10 V
Output voltage at SI min.	0 V
Output voltage at Se	5 V

**Material**

Housing material	PA
Material sensing surface	PA

**Mechanical data**

Dimension	70 x 30 x 16 mm
Tightening torque max.	2.5 Nm

**Range/Distance**

Linearity range SI	0...40 mm
Measuring range	0...40 mm
Non-linearity max.	±500 µm
Repeat accuracy per BWN	±100 µm
Temperature drift max. from end value	±3.0 %

**Remarks**

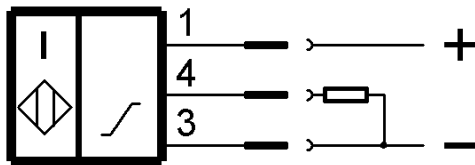
Please refer to manual.  
 The working range is teachable with the aid of the scanner.  
 Specification applies to recommended target BAM TG-XE-010. D = 2 mm  
 For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

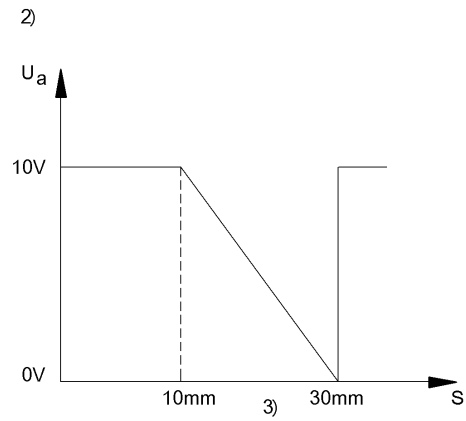
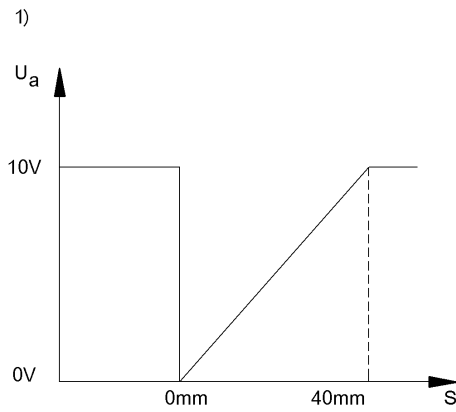
**Connector Drawings**



**Wiring Diagrams**



## Technical Drawings



- 1) Standard characteristic curve
- 2) Reduced measuring range
- 3) Minimum width 20 mm