



**Basic features**

Approval/Conformity	CE UKCA WEEE
Scope of delivery	Screw terminal (BAM01ZH) Short guide

**Display/Operation**

Actuator supply UA, indicator	Green LED
IO-Link communication indicator	Green LED
Module supply indicator	Green LED
Sensor supply US indicator	Green LED
Switching function display	LED yellow

**Electrical connection**

Connection (COM 1)	Screw/plug-in terminals, 4-pin
Connection (supply voltage IN)	Screw/plug-in terminals
Connection slots	Screw/plug-in terminals

**Electrical data**

Configurable inputs/outputs	yes
Current consumption without load, max.	80 mA
Current sum UA, actuator	1.6 A
Current sum US, sensor	1.0 A
IO-Link function	Device
IO-Link ports, number	1
Operating voltage Ub	18...30.2 VDC
Rated operating voltage Ue DC	24 V
Switching current	16x 350 mA

**Environmental conditions**

Ambient temperature	-20...50 °C
IP rating	IP20
Storage temperature	-25...70 °C

**Functional safety**

MTTF (40 °C)	115 a
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I/O modules  
**BNI IOL-310-000-K025**  
**Order Code: BNI004L**



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**IO-Link**

**IO-Link Profil IDs** N/A

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**Interface**

**Cycle time min.** 3 ms  
**Digital inputs** 16x PNP, Type 2  
**Digital outputs** 16x PNP  
**IO-Link version** 1  
**Interface** IO-Link 1.0  
**Process data IN** 2 bytes  
**Process data OUT** 2 bytes  
**Process data cycle min.** 12 ms  
**Transfer rate** COM2 (38.4 kBaud)

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**Material**

**Housing material** PA 6.6, UL94V-0  
**Housing shield** no

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**Mechanical data**

**Dimension** 79 x 33.6 x 84 mm  
**Mounting part** DIN rail mount

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**Remarks**

See short guide

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.