

BNI IOL-XXX-XXX-K006

Mechanical version

K006 - Material: plastic housing, bus connection and power supply: 1x M12x1, external thread, I/O ports: 8 x M12x1, internal thread

Variants

- 000 - Standard version
- 002 - With IO-Link 1.1 extension port
- S01 - Single-channel monitoring

Function

- 102 - 8 Digital Inputs
- 104 - 16 PNP Inputs
- 106 - 16 NPN Digital Inputs
- 302 - 16 Configurable Digital Inputs / Outputs
- 709 - 8 digital inputs 0,15 A + 4 analog inputs 4 - 20 mA
- 710 - 8 digital inputs 0,15 A + 4 analog inputs 0 - 10 V


Communication protocol

IOL - IO-Link

Basic Type Designation

BNI - Balluff Network Interface

General information

	File	E319845
	Enclosure rating	Type 1
	Ambient temperature	50° C
	Supply from a Class 2 source.	

Attention:

Please clean only with dry cloth or cloth dampened only with water!

Power Ratings

Model	Nominal Rating Voltage	Type	Current Ratings
BNI IOL-XXX-XXX-K006	24 Vdc	Power Input	Class 2 (50 mA maximum consumption 1 A including all output loads)
BNI IOL-XXX-XXX-K006	24 Vdc	Power Output	1 A maximum
BNI IOL-102-XXX-K006, BNI IOL-104-XXX-K006, BNI IOL-106-XXX-K006-XXX BNI IOL-302-XXX-K006-XXX BNI IOL-709-XXX-K006 BNI IOL-710-XXX-K006	24 Vdc	Digital Input	30 mA max./point
BNI IOL-709-XXX-K006	--	Analog Input	4 – 20mA
BNI IOL-710-XXX-K006	0 – 10 V	Analog Input	--
BNI IOL-302-XXX-K006	24 Vdc	Digital Output	0.35 A general use, 0.1 A pilot duty

Cord Sizes

Cord conductor size, AWG	Overcurrent protection maximum ampere rating, Amps	Maximum load, Amps
14	12	9
16	8	8
18	5.6	5.6
20	5	4
22	3	2.4
24	2	1.6
26	1	0.8
28	0.8	0.6
30	0.5	0.4

Additional information can be found in the corresponding manual on our webpage <http://www.balluff.com>

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