BNI IOL-XXX-002-E012

Mechanical version
E012, Stainless Steel V4A
Bus connection and power supply 1xM12x1 external threads,
IO-Ports: 8xM12x1, internal thread

Variants
002 – with IO-Link 1.1 extension port

Function
104 - 16 PNP inputs
302 - 16 configurable I/O

Communication protocol
IOL – IO-Link

Basic Type Designation
BNI - Balluff Network Interface

General information

File	E319845
Enclosure rating	Type 1
Ambient temperature	45° C

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

Power Ratings

Model	Nominal Rating Voltage	Type	Current Ratings
All	24 Vdc	Power Input	50 mA maximum consumption 1.6 A including all output loads
All	24 Vdc	Power Output	1.4 A maximum
BNI XXX-104-XXX-E012; BNI XXX-302-XXX-E012;	24 Vdc	Digital Input	30 mA max./point
BNI XXX-302-XXX-E012;	24 Vdc	Digital Output	0.1 A/point Pilot Duty 0.4 A/point Resistive/General use 1.4 A or less per unit

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

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