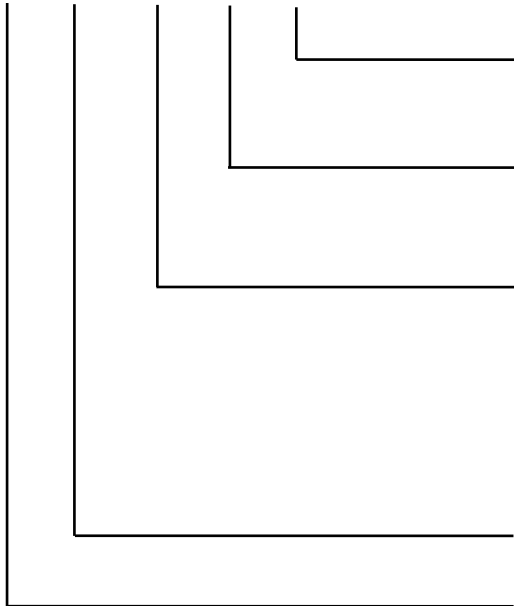


**BNI XXX-XXX-10X-R015**



**Mechanical version**

R015 - Material: plastic, resistant; Uplink: 2 x M12x1; internal thread Power: 7/8" external thread, 7/8" internal thread; Sensor ports: 8 x M12x1 internal thread

**Variants**

104 - Display version, 2-port switch, special IO mapping  
105 - Display version, 2-port switch

**Function**

104 - 16 PNP Inputs  
202 - 8 Outputs  
206 - 16 Outputs  
302 - 16 Configurable I/O  
305 - 8 PNP Inputs, 8 Outputs  
502 - 12 PNP Configurable I/O, 4 IO-Link Master Channels  
508 - 8 PNP Configurable I/O, 8 IO-Link Master Channels  
538 - 16 PNP Configurable I/O, 4 IO-Link Class A Channels  
4 IO-Link Class B Channels

**Communication protocol**

EIP - EtherNet IP

**Basic Type Designation**

BNI - Balluff Network Interface

**General information**

	File	E319845
	Enclosure rating	Type 1
	Ambient temperature	50° 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	130 mA maximum consumption 9 A including all output loads
All	24 Vdc	Power Output	8.8 A maximum
BNI XXX-104-XXX-XXXX; BNI XXX-302-XXX-XXXX; BNI XXX-305-XXX-XXXX; BNI XXX-502-XXX-XXXX; BNI XXX-508-XXX-XXXX; BNI XXX-538-XXX-XXXX	24 Vdc	Digital Input	30 mA max./point
BNI XXX-202-XXX-XXXX; BNI XXX-206-XXX-XXXX; BNI XXX-302-XXX-XXXX; BNI XXX-305-XXX-XXXX; BNI XXX-502-XXX-XXXX; BNI XXX-508-XXX-XXXX; BNI XXX-538-XXX-XXXX	24 Vdc	Digital Output / Class A IO-Link port	0.5 A/point Pilot Duty 2 A/point Resistive/General use 8.8 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

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

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