

**BNI XXX-XXX-X05-Z063**

**Mechanical version**

Z063 - Material: Die-cast zinc housing;  
Uplink: 2 x M12x1; internal thread  
Power ports: M12x1 t-coded internal / external thread  
Sensor ports: 8 x M12x1 internal thread

**Variants**

105 - Display version, 2-port switch  
005 - No display, alternate cover, 2-port switch

**Function**

538 -16 PNP Configurable I/O  
4 IO-Link Class A Channels,  
4 IO-Link Class B Channels


**Communication protocol**

EIP - EtherNet IP  
PNT - ProfiNET  
ECT - EtherCat

**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	130 mA maximum consumption 9 A including all output loads
All	24 Vdc	Power Output	8.8 A maximum
BNI XXX-538-XXX-Z063	24 Vdc	Digital Input	30 mA max./point
BNI XXX-538-XXX-Z063	24 Vdc	Digit Output/ Class B IO-Link port	0.5 A/point Pilot Duty Pin 2/5 Fused 1.2 A/point Pin 2/3 2 A/point 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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