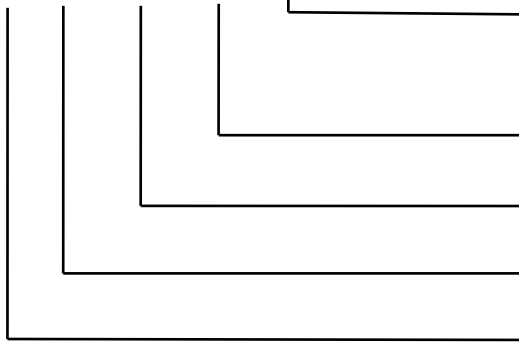


BNI IOL-355-S02-Z013



Mechanical version

Die-cast zinc housing, matte nickel plated
 Bus connection and power supply 1xM12 external thread
 Supply voltage segment 1&2: 1x7/8" external thread

Variants

S02 - ports with single channel monitoring, IO-Link V1.1

Function

355 - 8 inputs; 8 outputs galvanically isolated

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
BNI IOL-XXX-XXX-X013	24 Vdc	Power Input	130 mA maximum consumption 9 A including all output loads
BNI IOL-XXX-XXX-X013	24 Vdc	Power Output	8.8 A maximum
BNI IOL-355-XXX-XXX	24 Vdc	Digital Input	30 mA max./point
BNI IOL-355-XXX-X013	24 Vdc	Digital Output	0.5 A/point Pilot Duty 2 A/point Resistive/General use 8.8 A or less per unit

Cord Sizes

The device is to be connected with UL rated cord assemblies (Listed CYJV/7 or R/C CYJV2/8) and UL cord styles suitable for external interconnection.

The cord conductor size and overcurrent protection is required to be in accordance with the table below.

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>

Balluff GmbH	Schurwaldstrasse 9 73765 Neuhausen a.d.F. Germany	Tel. +49 7158 173-0 Fax +49 7158 5010	balluff@balluff.de
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