

BNI00CP Cut Sheet



Balluff IO-Link hub, up to (16) discrete I/O points, up to (16) discrete input points, (8) 5-pin M12 A-coded ports, 24 VDC, IO-Link v1.1, IO-Link Class A Device, 9A, 2A/port, IP67. Requires IO-Link master.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/BNI00CP>

Technical Specifications

Brand	Balluff
Item	IO-Link hub
Number of Discrete I/O Points	Up to (16)
Number of Discrete Input Points	Up to (16)
Discrete I/O Port Type(s)	(8) 5-pin M12 A-coded
Nominal Input Voltage	24 VDC
Discrete Input Type	Sinking
Number of Non-Isolated Discrete Input Commons	1
Number of Points per Discrete Input Common	16
Nominal Output Voltage	24 VDC
Discrete Output Type	Sourcing
Number of Non-Isolated Discrete Output Commons	1
Number of Points per Discrete Output Common	16

IO-Link Version	IO-Link v1.1
Communication Port and Connection Type(s)	(1) 4-pin M12 A-coded (IO-Link)
Port Protocol(s)	IO-Link Class A Device
Port Speed(s)	IO-Link COM2
External Power Requirement	24 VDC
Amperage Rating	9A
Load Current	2A/port
Indicator	LED
Housing Material	Die-cast zinc nickel-plated
IP Rating	IP67
Temperature Rating	-5 to 55 deg C
Includes	Marking tags
Requires	IO-Link master
Programming Software	None, configure via IO-Link master

Agency Approvals

UL Listed File #	E319845
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/BNI00CP.pdf>
See store item page for other formats.