BNI006A Cut Sheet

Balluff EtherNet/IP IO-Link master, (8) IO-Link capable I/O points, up to (16) discrete I/O points, IO-Link v1.1.3, 9A, 2A/port, die-cast zinc nickel-plated housing, IP67, -5 to 70 deg C, multi-line LCD display.

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

https://www.automationdirect.com/pn/BNI006A

Technical Specifications

Brand	Balluff
Item	IO-Link master
Number of IO-Link Capable I/O Points	8
Number of Discrete I/O 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
Communication Port and Connection Type(s)	• (2) 4-pin M12 D-coded • (8) 5-pin M12 A-coded (IO-Link)
Port Protocol(s)	• EtherNet/IP • MQTT Client • webserver (secure HTTPs) • IO-Link Class A Master

Port Speed(s)	• 10/100 Mbps • IO-Link COM1 • IO-Link COM2 • IO-Link COM3
IO-Link Version	IO-Link v1.1.3
Line Side Port(s)	(1) 7/8in - 16 UN2 thread nut 4-pin male axial
Load Side Port(s)	(1) 7/8in - 16 UN2 thread nut 4-pin female axial
External Power Requirement	24 VDC
Amperage Rating	9A
Load Current	2A/port
Display Type	Multi-line LCD display
Indicator	LED
Housing Material	Die-cast zinc nickel-plated
IP Rating	IP67
Temperature Rating	-5 to 70 deg C
Includes	Marking tags
Programming Software	None, configure via Internet browser

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/BNI006A.pdf
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