

BNI00AJ Cut Sheet



Balluff temperature/analog IO-Link hub, up to (8) analog input channel(s), current/voltage/RTD/thermocouple, 16-bit, input RTD type(s): Pt100 and Pt1000, input thermocouple type(s): J, K, IO-Link v1.1, 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/BNI00AJ>

Technical Specifications

Brand	Balluff
Item	IO-Link hub
I/O Module Type	Temperature/analog
Number of Analog Input Channels	Up to (8)
Analog I/O Port Type(s)	(8) 5-pin M12 A-coded
Analog Input Signal Type	Current, voltage, RTD and thermocouple
Input Signal Type(s)	Current/voltage/RTD/thermocouple
Input RTD Signal Types	Pt100 and Pt1000
Input Thermocouple Signal Type	J, K
Number of Points per Analog Input Common	8
Input Resolution	16-bit
Resolution	16-bit
Input Current Signal Range	0-20 mA and 4-20 mA

Input Voltage Signal Range	+/- 5 VDC, 0-5 VDC, +/- 10 VDC, 0-10 VDC and 5-10 VDC
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
Indicator	LED
Housing Material	Die-cast zinc nickel-plated
IP Rating	IP67
Temperature Rating	-5 to 70 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/BNI00AJ.pdf>
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