

Easy to implement and gain the IO-Link advantages

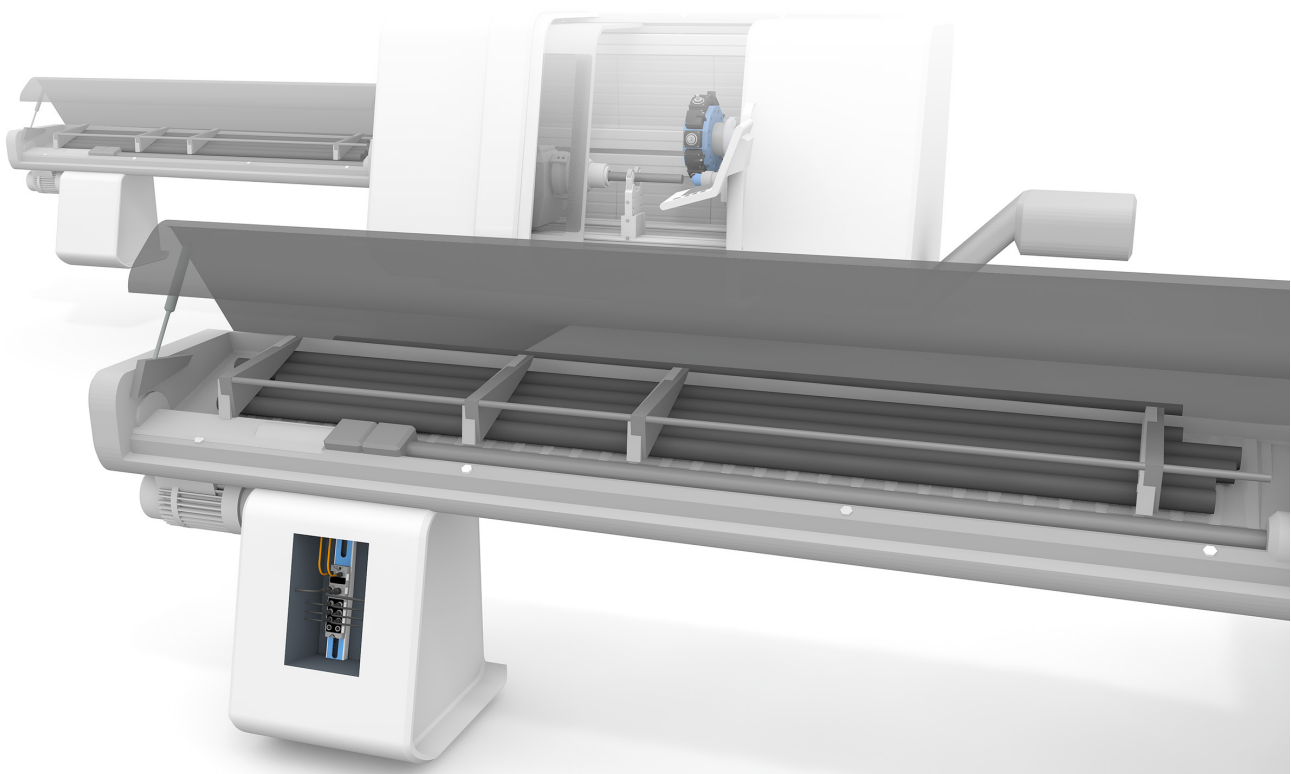
CC-LINK IE FIELD BASIC NETWORK BLOCK WITH IO-LINK

The CC-Link IE Field Basic network block is compatible with 100 Mbit Ethernet devices and provides optimal performance in applications where gigabit speed is not required. This makes CC-Link IE Field Basic ideal for meeting requirements of the so-called low automation level, such as bar loading magazines.

Our CC-Link IE Field Basic BNI module features IO-Link, giving you the advantages of IO-Link in a CC-Link IE Field Basic network, including device detection to enable automatic transmission of parameter and configuration data. You benefit from simple integration, faster startup and comprehensive monitoring capabilities based on thorough diagnostics. Altogether, you increase efficiency while significantly lowering overall costs.

Features

- Adds CC-Link IE compatibility with 100 Mbit Ethernet devices
- Supports Seamless Message Protocol (SLMP)
- Flexibly uses data ranges by controlling two to five stations
- Shows convenient diagnostics using 24 LEDs for port and module status
- Readied for harsh environments with a rugged IP67 metal housing





NETWORK BLOCKS

	BNI00E7
Interface	CC-Link IE Field Basic
Operating voltage U_B	18...30.2 V DC
Connection COM 1	M12 female, 4-pin, D-coded
Connection COM 2	M12 female, 4-pin, D-coded
Connection supply voltage in	7/8" male, 5-pin
Connection supply voltage out	7/8" female, 5-pin
Connection slots	8 × M12 female, 5-pin, A-coded
Digital inputs	16 × PNP, Typ 3
Digital outputs	16 × PNP
Configurable inputs/outputs	Yes
Output current max.	2 A
Current sum sensor/actuator	9 A
Housing material	Zinc, die-casting
Dimension	68 × 37.9 × 224 mm
Ambient temperature	-5...70 °C
Protection degree	IP67
Auxiliary interfaces	8 × IO-Link
IO-Link version	1.1
Port-class	Type A



ACCESSORIES

	BAE00TK
Description	Heartbeat® power supply with IO-Link interface



CONNECTIVITY

	BCC0CNY	BCC0K45	BCC09FT
Connection 1	7/8" female, straight, 5-pin	M12 male, straight, 4-pin, D-coded	M12 female, straight, 5-pin, A-coded
Connection 2	7/8" male, straight, 5-pin	M12 male, straight, 4-pin, D-coded	M12 male, straight, 5-pin, A-coded
Cable	PUR black, 3 m, drag chain compatible	TPE shielded orange, 3 m, drag chain compatible	PUR black, 3 m, drag chain compatible