

**The simple and practical solution for connecting RS232 with IO-Link**

## IO-LINK CONVERTER FOR RS232 DEVICES

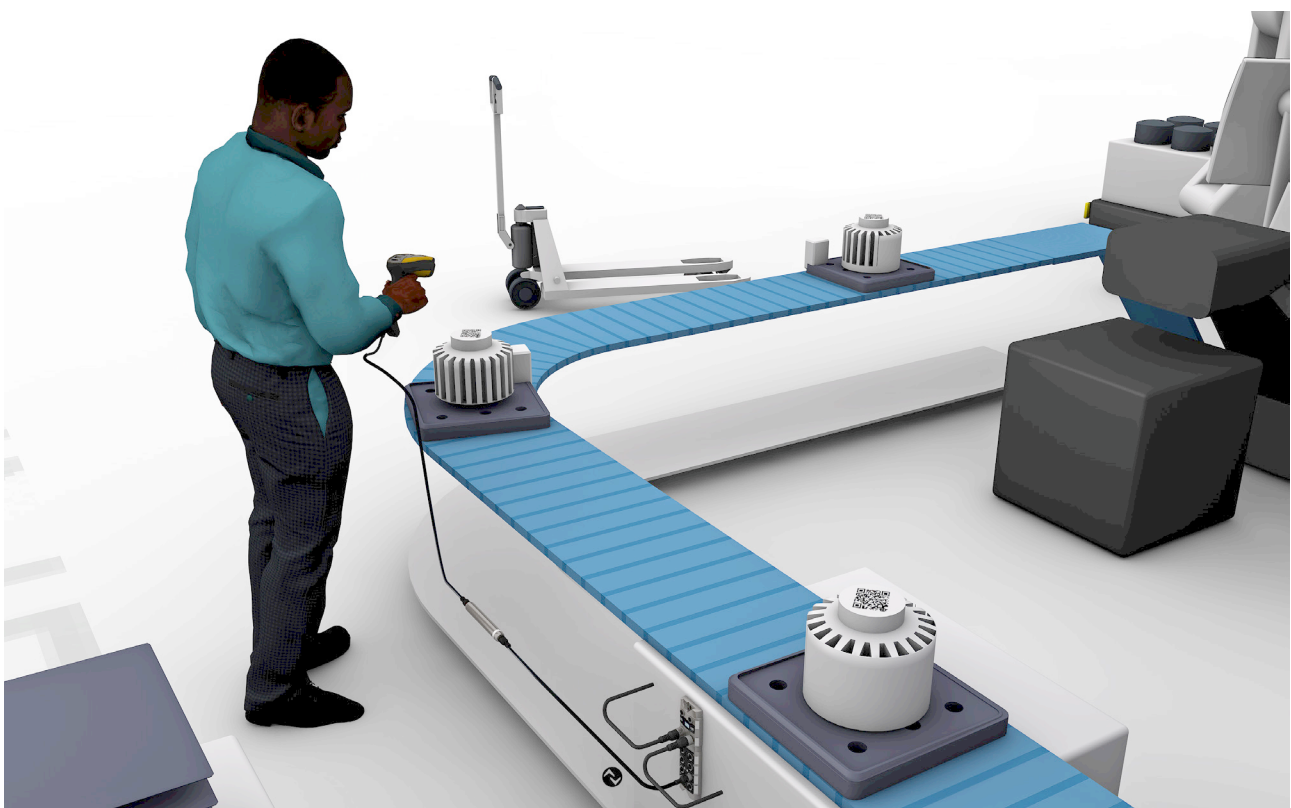
Contrary to popular belief, serial RS232 communication is still used in many industrial applications. A typical example is the use of barcode scanners in the automobile or packaging industry.

Integrating RS232 interfaces into the existing control architecture is, however, often expensive and time-consuming because special components are often necessary, such as RS232 cards for the controller. This represents an obstacle for many in switching to IO-Link, with the result that they are unable to consistently take advantage of the benefits of this modern communication standard.

The solution is now here with our IO-Link converter for RS232 devices. The converters allow you to directly connect RS232 devices to an IO-Link terminal. No RS232 cards are necessary for the integration. Now you have a practical and simple to implement solution for uniform and comprehensive communication with all devices and bi-directional data transfer with the controller. And even more: you can reliably monitor all the devices from a central location and configure them quickly and easily.

### Features

- For bi-directional communication between RS232 and IO-Link
- Two digital inputs
- RS232 devices powered with 24 V DC
- Easy diagnostics capabilities with status LEDs
- High-quality, rugged IP67 stainless steel housing for strict requirements



RS232  
TO IO-LINK  
CONVERTER



	BNI00C1
Communication	IO-Link
Type	RS232
Supply voltage	18...30.2 V DC, per EN 61131-2
IO-Link connection	1 x M12 male, 4-pole, A-coded
RS232 connection	1 x M12 female, 8-pole, A-coded
Inputs	2 x PNP, type 3
Degree of protection	IP67*
Operating temperature	-5...+55 °C
Dimensions (L x W)	118 x 18 mm
Weight	100 g
Housing material	Stainless steel (1.4305)
IO-Link version	1.1
Operating mode	COM2 (38.4 kBaud)
Process data length	32 byte input/32 byte output
Minimum cycle time	35.2 ms

\*when connected

ACCESSORIES



	BAM037J			
Description	Mounting cuff Ø 18 mm			
Housing material	Stainless steel (1.4404)			

CONNECTIVITY



	BCC0KH7	BCC0KH8	BCC039M	BCC039P
Connector 1	M12 male, 8 pin	M12 male, 8 pin	M12 female, 5 pin	M12 female, 5 pin
Connector 2			M12 male, 4 pin	M12 male, 4 pin
Cable	2 m PUR cable, shielded	5 m PUR cable, shielded	2 m PUR cable	5 m PUR cable