

Converting analog signals into IO-Link signals and saving cost in the process

IO-LINK HUB FOR 8 ANALOG INPUT SIGNALS

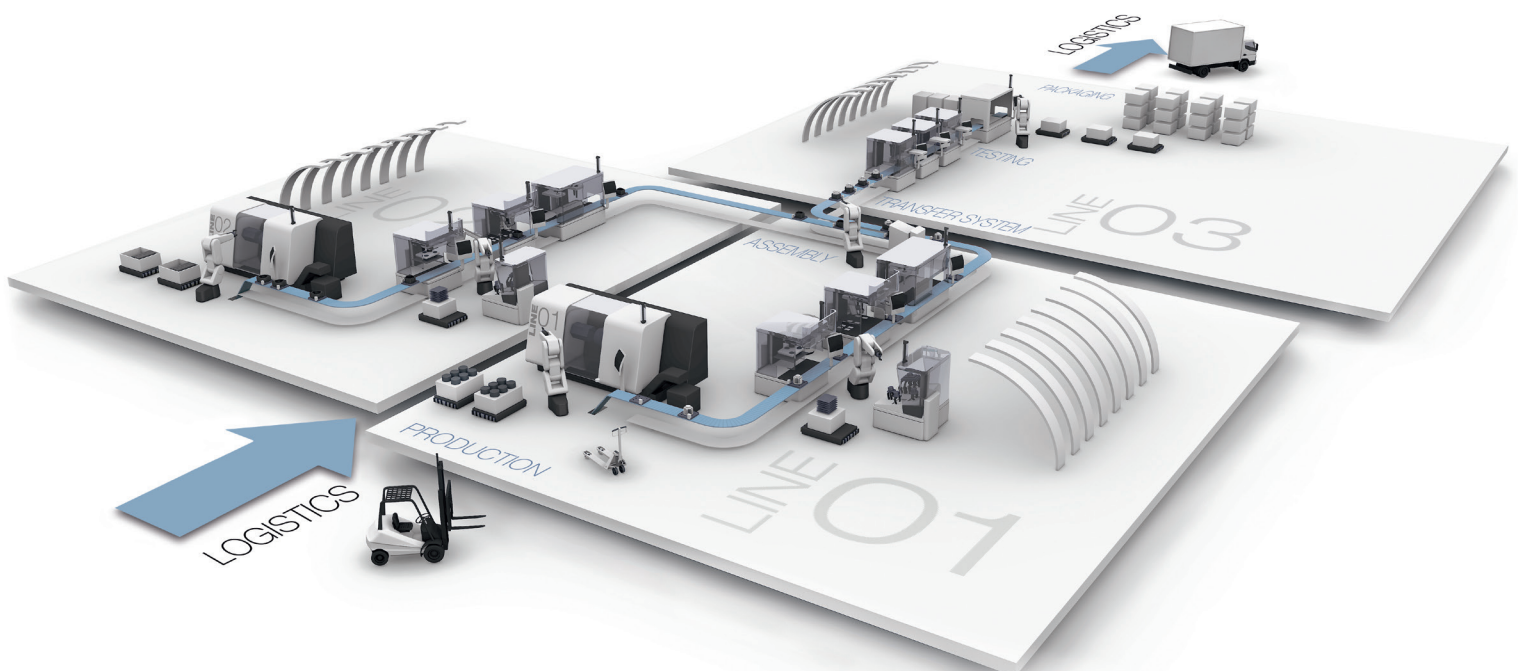
In most equipment and machines analog signals make up around ten percent of the total data volume. But connecting and incorporating analog input signals is an expensive proposition. The installation requires shielded cables and the controller needs expensive multi-channel input modules.

Not so with the IO-Link Hub because the analog input signals are passed through the IO-Link hub to the IO-Link master as a digital signal. This enables the module to ensure the maximum signal variance and makes the mixing of different current and voltage interfaces on a module possible.

The IO-Link hub is designed for a maximum of 8 analog input signals and represents an important cost savings potential for systems that process analog values.

Features

- 8 analog input signals
- Each port can be configured as an input for a voltage/current signal, Pt sensor or thermocouple
- Various current/voltage interfaces available (0...10 V, 5...10 V, -10...+10 V, 0...5 V, -5...+5 V, 0...20 mA, 4...20 mA)
- Configurable resolution (10...16 bits)
- High enclosure rating for harsh conditions

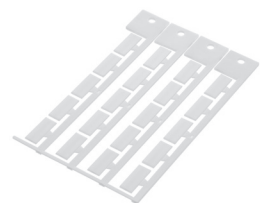




IO-LINK ANALOG HUB

	BNI00AJ
Communication	IO-Link
Type	8 × analog input
Supply voltage U_B	18...30.2 V DC, per EN 61131-2
Connection: Communication	M12 male, A-coded
Current consumption without load	≤ 80 mA
Number of analog ports	8
Connection: analog ports	M12 female, 5-polig
Voltage interfaces	0...10 V, 5...10 V, -10...10 V, 0...5 V, -5...5 V
Current interfaces	0...20 mA, 4...20 mA
Resolution	Configurable (10...16 Bit)
Degree of protection per IEC 60529	IP67 (when connected)
Operating temperature T_a	-5...+70 °C
Dimensions	181.5 × 68 × 31.8 mm
Weight	Approx. 500 g
Housing material	Die-cast zinc
IO-Link version	1.1
Operating mode (3-wire)	COM2

CONNECTORS AND ACCESSORIES



	BCC0372	BCC0374	BCC039P	BAM01JT
Description	M12 male 3 pin, onto M12 female 5 pin, 2 m PUR cabel	M12 male 3 pin, onto M12 female 5 pin, 5 m PUR cabel	M12 male 4 pin, onto M12 female 5 pin, 5 m PUR cabel	Label set