

Galvanically Isolated Sensor/Actuator Hub BNI IOL-355

ALL-IN-ONE I/O MODULE WITH SAFELY INTERRUPTIBLE ACTUATOR SEGMENT

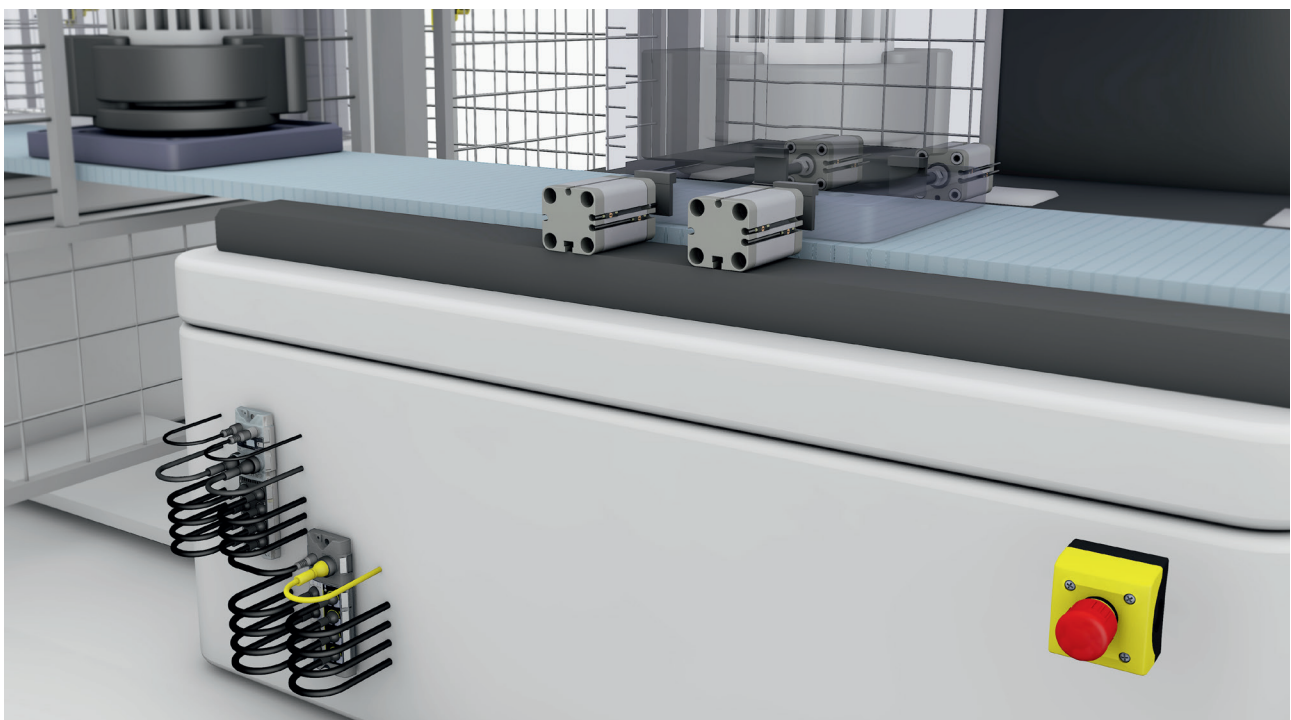
This all-in-one solution allows you to connect both sensors and actuators to just one module. At the same time you can safely turn off the actuator segment via its separately switchable safety circuit. Because the model BNI IOL-355... is divided into two galvanically isolated segments.

To safely turn off the supply voltage for the actuator segment an external safety device is required. The module is then capable of implementing safety functions up to SIL2 in accordance with EN62061.

You can operate up to eight digital in- and outputs with the module. If the IO-Link connection is interrupted, the outputs assume defined states. These states remain in effect until the IO-Link connection is restored.

Features

- Connect in- and output signals to just one module
- Galvanically isolated for safe interruption of the output signals
- Easy diagnostics using IO-Link and status LEDs
- For harsh environments: rugged IP67 metal housing





GALVANICALLY ISOLATED SENSOR/ACTUATOR HUB

	BNI00CL
Interface	IO-Link 1.1
Transfer rate	COM3 (230.4 kBaud)
Response time	1 ms
PL (EN ISO 13849-1)	d
SIL CL (EN/IEC 62061)	2
Power supply	19.2...30 V DC (per EN 61131-2)
Degree of protection IEC 60529	IP67 (with connectors)
Ambient temperature	-5...+55 °C
Number of inputs	8
Number of outputs	8
Total current $U_{Actuator}$, U_{Sensor}	9 A
Approvals	CE, TÜV, UL-File E319845, VOL. 1 SEC. 1

ACCESSORIES



	BAM01Z4	BCC09MU	BCC0F58	BCC07WR
Description	Anti-sabotage protection	Tee	Tee	Tee

CONNECTORS



	BCC06HC	BCC0372	BCC08JE	BCC09H1
Cable	2 m cable PUR	2 m cable PUR	2 m cable PUR	2 m cable PUR
Connector 1	7/8" female, 5-pole	M12 female, 5-pole, A-coded	M12 male, 5-pin, A-coded	M12 female, 5-pole, A-coded
Connector 2		M12 male, 3-pin, A-coded		M12 male, 5-pin, A-coded