INDUSTRIAL NETWORKING: EASILY FIND WHAT YOU ARE LOOKING FOR

BLACK Line
Core of the portfolio with a powerful price-performance-ratio.

	BAE012N	BNI00L1	BNI00L3	BNI00KH	BNI00KJ
M12		ENTRY	STANDARD	ADVANCED	ADVANCED **NEW**

	BAE012M	BNI00K5
7/8"		STANDARD

	BNI0090
M12	

	BNI0091
7/8"	

SILVER Line
For a broad range of applications.

	BNI00K6	BNI00K7
M12	ADVANCED	ADVANCED **NEW**

	BNI00HL	BNI006A
7/8"	STANDARD	STANDARD

	BNI00JF	BNI00JH	BNI00AJ	BNI00CM
M12				

	BNI00CL	BNI0098	BNI0046
7/8"			

WASHDOWN Line
For applications in IP69K environments.

	BNI00EK	BNI00HZ
M12		

	BNI00F6	BNI00F7	BNI00FA	BNI00F9
M12				

SAFE Line
For functional safety applucations.

	BNI00KY
M12	ADVANCED **NEW**

Balluff's expanded network portfolio sets new standards in user-friendliness and quick access to the right product for your needs.

The good remains: Balluff products, known for quality, innovation, and reliability.

The entire Balluff portfolio for industrial network technology

ALWAYS THE RIGHT SOLUTION

Industrial networks face the challenge of dealing with increasing data volumes and complex communications. Our powerful and reliable components are specifically designed to efficiently transport information across all levels. This is particularly important when high protection types, robustness, use at high temperatures, or special safety are required.

The smart combination of powerful industrial networks with the IO-Link communication standard enables reliable and flexible information exchange in various application areas.

Discover our product lines Black, Silver, Wash, and Safe Line, which offer a particularly quick selection of our network components. Choose from three performance classes the solution that suits you best.

	ENTRY	STANDARD	ADVANCED
	Designed to effortlessly integrate IO-Link devices into your automation system and solve standard IO-Link applications.	Offers more power to scale up your automation and solve applications, that require more flexibility.	Designed to solve demanding applications. Seamlessly connect IO-Link devices, high-power outputs and leverage advanced IIoT features
	■ Entry into IO-Link and IIoT ■ Connect IO-Link sensors and small actuators	■ Standard IIoT protocols on board ■ Connect IO-Link hubs and standard actuators	■ Future ready IIoT protocols on board ■ Class-B Ports e.g. for valve terminal
Multi-protocol	√	√	√
Single-protocol		√	
M12 L-coded	√	√	√
7/8"		√	
Intuitive Web User Interface	√	√	√
Daisy chaining	√	√	√
Total current/Max. output current per port	4 A/0,.5 A	9 A/2 A	16 A/4 A
MQTT	no parsing	√	√
Common platform for hard- and software	√	√	√
REST API	√	√	√
Port class type A	√	√	√
Port class type B			√
Expandable IIoT features			√