Flexibly Connected.

From binary to digital—simple and cost-effective.

IO-Link Hubs
G11 and G16 Series



Your automation, our passion.

PEPPERL+FUCHS

IO-Link Hubs G11 and G16 Series

Efficient Integration of Binary Sensors and Actuators

Integrate binary sensors easily and economically into an IO-Link communication network: This is made possible by the I/O hubs with IO-Link. The new devices from the G11 and G16 series perfectly complement the portfolio by offering cost-optimized solutions.

Cost-Efficient Solution for Standard Applications

The Class A IO-Link hubs in the G11 and G16 series each have eight ports and are available as 16DI or 16DIO variants, depending on the application requirements. Up to 16 sensors/actuators can be easily connected via M12 (G11) or M8 (G16) plug-in connectors. In total, up to 128 digital I/Os can be connected to higher-level control systems via an IO-Link master. With a wide temperature range of –25 °C to +70 °C and IP68/IP69K degree of protection, the devices complete the IO-Link hub portfolio with an outstanding price-performance ratio. In addition to devices with fully encapsulated metal housings (G60 series) or special designs (CB10 for space-saving installation in e.g. push button boxes and G20 for roller conveyor applications), the devices in the G11 and G16 series are an especially cost-effective solution for standard applications.

Highlights

- Efficient integration of binary sensors and actuators in IO-Link systems with signal transmission of up to 128 digital I/Os per master
- Comprehensive portfolio guarantees maximum flexibility: the optimal solution for every application
- Particularly robust due to a wide temperature range of up to –25 °C to +70 °C and a high degree of protection of up to IP68/IP69K
- Cost-efficient G11 and G16 series for standard applications increase the cost-effectiveness of your application
- For demanding industrial environments: G60 series in fully encapsulated stainless steel housing
- Special devices for confined installation situations (CB10 series) as well as customized solutions for use in roller conveyor systems (G20 series)



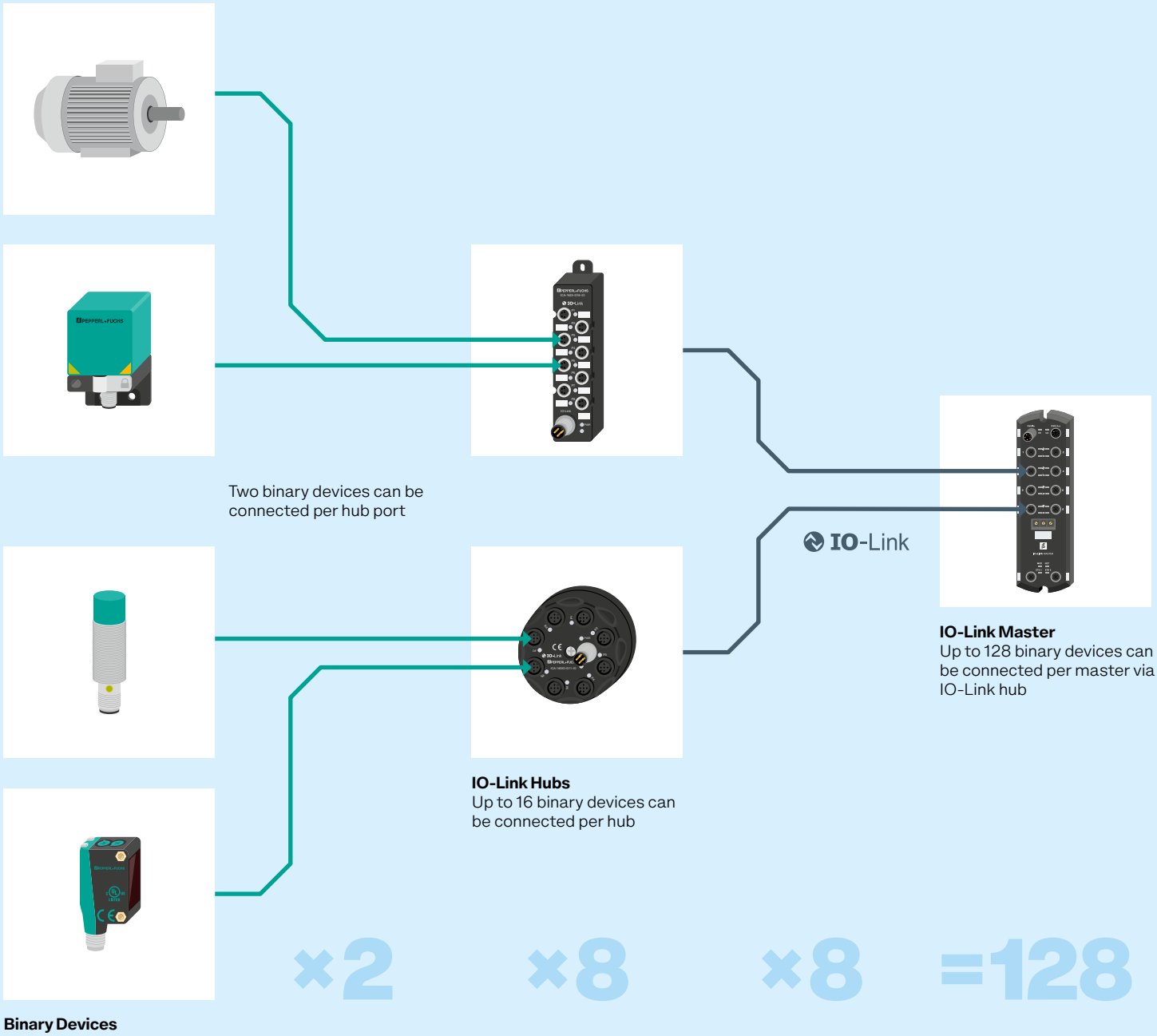


Technical Data	ICA-16DI*-G11-IO	ICA-16DI*-G16-IO
Inputs/outputs	16 digital inputs 16 digital inputs/outputs, freely configurable	
IO-Link	1.1.4	
Connection I/Os	M12	M8
Dimensions	ø 85 mm, height 46 mm	143 × 30 × 29.35 mm (L × W × H)

For more information, visit
pepperl-fuchs.com/pf-g11-g16-hubs

Overview of the IO-Link Hub Portfolio

	 ICA-16DI*-G11-IO	 ICA-16DI*-G16-IO	 ICA-16DI*-G60*-IO	 ICA-8DIO-CB10-IO	 ICA-16IO-G20-IO-P16
Extended temperature range	■	■	■	■	■
High degree of protection	■	■	■		
Fully encapsulated metal housing			■		
Best price per port ratio	■	■			
Tailored design				Space-saving installation in e.g. push button boxes	Customized for roller conveyor systems



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- Industrial Sensors
- Industrial Communication and Interfaces
- Enterprise Mobility
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