Flexibly Connected.

Transform Discrete Signals into Smart Data

IO-Link Hubs
G11 and G16 Series





Your automation, our passion.

PEPPERL+FUCHS

IO-Link Hubs G11 and G16 Series

Efficient Integration of Discrete and Analog Signals

Integrate discrete 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.

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 push-button boxes	Customized for roller conveyor systems

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 or 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, such as the CB10 for space-saving installation in push-button boxes and the G20 for roller conveyor applications, the G11 and G16 series provide a cost-effective solution for standard applications.

Highlights

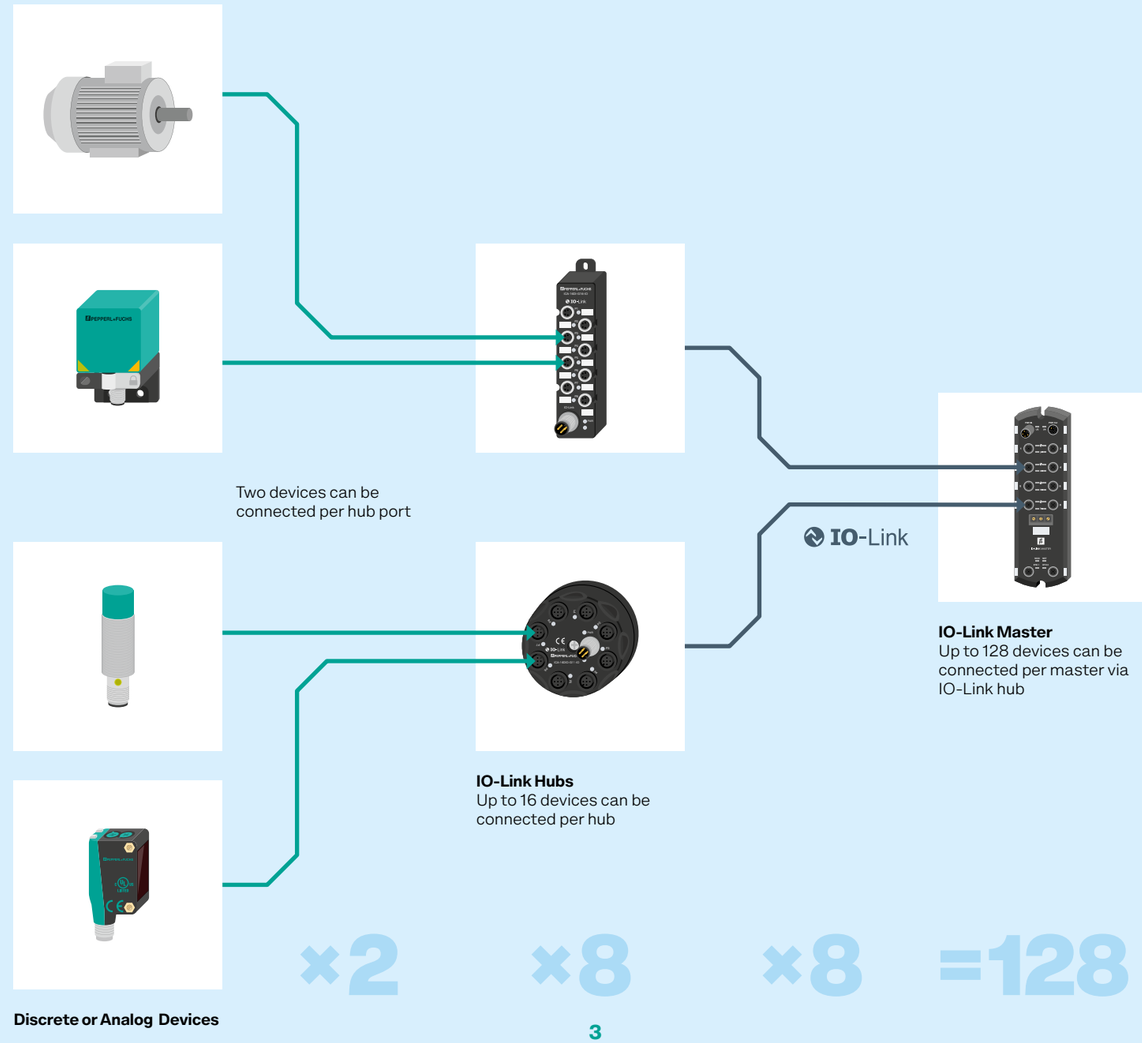
- Efficient integration of discrete sensors and analog signals in IO-Link systems with signal transmission of up to 128 digital I/Os per master
- Comprehensive portfolio guarantees maximum flexibility: the optimal solution for every application
- Rugged design with –25 °C to +70 °C temperature range and high IP68/IP69K degree of protection
- 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) and 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, user-definable	
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



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