SIG200
More than just an IO-Link master

SICK
Sensor Intelligence.

SIG200

Product description

The SIG200 Sensor Integration Gateway is an IO-Link master for integrating IO-Link devices into common PLC environments and enterprise level systems. With the SIG200, digital inputs, digital outputs or IO-Link signals of several devices can be detected, combined, evaluated and transmitted via various fieldbus protocols. A second data channel is also available for higher-level processing via a REST-API. Parameterization is done via a web server or the SOPAS ET configuration software from SICK. Among other things, SOPAS ET contains a powerful logic editor. It creates unique logic combinations for the respective application - regardless of the programmable logic controller.

At a glance
- 4 configurable IO-Link master ports (standard I/O or IO-Link)
- Easy parameterization via USB or Ethernet thanks to intuitive SOPAS ET user interface
- "Dual Talk": Access to sensor data from the company level and in parallel via industrial Ethernet
- Solution of complex application tasks with the logic editor

Your benefits
- The IO-Link master technology enables seamless integration and data transparency from the sensor to the PLC systems
- Economical entry into IO-Link technology
- Intuitive parameterization and setup with access to all parameters of IO-Link devices thanks to the simple download of IODD files
- Pre-process data directly where it is created
- INDUSTRY 4.0 READY - access to sensor data from the company level
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Fields of application
- IO-Link master for connecting IO-Link devices and digital switching signals in all areas of factory and logistics automation
- Creation of autonomous sensor systems consisting of IO-Link sensors and actuators via drag & drop in the logic editor without an additional controller

Ordering information

Other models and accessories → www.sick.com/SIG200

Product category	Communication interface	Supported products	Scope of delivery	Further functions	Type	Part no.
–	–	–	SiLink2 Master IOLA2US, 1x USB cable, 1x wall plug, Quickstart guide	–	IOLA2US-01101 (SiLink2 Master)	1061790
IO-Link Master	IO-Link, USB, Ethernet, EtherNet/IP™, REST API	IO-Link Devices, binary actuators, binary switching sensors	G200-0A051220 4x blind plugs (M12) on port S2, S3, S4, P2, 1x blind plug (M8) on port CONFIG, Marking labels, quickstart	Web server integrated, USB connection for easy configuration of the SIG200 Sensor Integration Gateway with SOPAS ET, the engineering tool from SICK, logic editor is available for easy configuration of logic functions	SIG200-0A0512200	1089796
	IO-Link, USB, Ethernet, PROFINET, REST API		G200-0A041220 4x blind plugs (M12) on port S2, S3, S4, P2, 1x blind plug (M8) on port CONFIG, Marking labels, quickstart		SIG200-0A0412200	1089794
	IO-Link, USB, Ethernet, REST API		SIG200-0A0G1220 4x blind plugs (M12) on port S2, S3, S4, P2, 1x blind plug (M8) on port CONFIG, Marking labels, quickstart		SIG200-0A0G12200	1102605
	PROFINET, REST API	–	–	–	SIG200-0A041220S01	1100615

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is "Sensor Intelligence."

WORLDWIDE PRESENCE:

Contacts and other locations –**www.sick.com**

SICK AG | Waldkirch | Germany | www.sick.com

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