

Sick optical communication module



Overview

A family of industrial-grade optical communication interfaces developed by SICK AG for reliable point-to-point transmission over multimode fiber optics using TTL/RS-485 electrical signaling. Interface modules from SICK enable the seamless integration of sensors and actuators into various control systems and ensure reliable data communication. Sensor Intelligence is the prerequisite for the highly complex processing of physical signals into sensor information: With additional knowledge on the. Discover essential insights on integrating ISD400-SICK modules into industrial setups, covering compatibility, installation tips, model variations, durability, and firmware considerations for optimal performance. And enjoy a smooth ride with the bus version: convenient setup, reduced wiring, proven anti-interference. Devices feature a data transmission rate of 3 Mbit/s (except for one model with 100 Mbit/s), a transmission range of 0.2 m to 180 m, and an operating temperature.



Article Content

Dongshan Precision's Source Photonics to Invest USD1.2 Billion to

Buying Source Photonics will enable Dongshan Precision to quickly enter the optical communications market while delivering synergies between the two companies in customer

Communication Modules

SICK CDB620-001 Manufacturer part number: 1042256 Programmable Logic Controller Module for SICK-Barcodescanner, CLV 42x, 43x, 44x, 45x and 6xx, ICR 85x, CLV 480, CLV/CLX 490

Photoelectric sensors

Photoelectric sensors from SICK are available as standard in a wide range of designs and materials. Thanks to the use of SIRIC®, SICK's very own ASIC, combined with modern optical technologies,

SICK Smart Sensors/IO-Link

Description of IO-Link IO-Link and control integration IO-Link is a non-proprietary internationally standardized communication technology, which makes it possible to communicate with sensors and

Integration and Connectivity

With the SICK AppSpace eco-system, SICK offers system integrators and original equipment manufacturers new freedom to develop customized applications and user interfaces based on

Optical Transceiver Market Size, Share, Trends

The global optical transceiver market size was valued at USD 14.7 billion in 2025 and is projected to grow from USD 17.15 billion in 2026 to USD

IO-Link | SICK

IO-Link is a communication interface used in automation technology to connect sensors and actuators with higher-level systems. Thanks to the innovative

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SENSOR SOLUTIONS: FOR MORE EFFICIENT AUTOMATION

3 Industrial communication, interfaces, and fieldbus solutions Maximum flexibility and the right solution for any application: The fieldbus and network solutions from SICK allow you to connect sensors and

SICK ISD400 PRO OPERATING INSTRUCTIONS

Information regarding the operating instructions These operating instructions supplement the Quick start guide and contain additional information and detailed

Network and connection technology

Sensors and their communication networks play a crucial role when it comes to sustainable and efficient development for the future. Industrial-grade connectors

SICK PLC Ethernet & Communication Modules for sale | eBay

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Interface modules

Interface modules from SICK enable the seamless integration of sensors and actuators into various control systems and ensure reliable data communication.

ISD400, Optical data transmission SICK □ INT

The ISD400-7221 is an optical data transmission module featuring an Ethernet communication interface. It offers a transmission range of at least 0.2

Sick ISD400-7222 SICK

Sick ISD400-7222 SICK - OPTICAL DATA TRANSMISSION, COMMUNICATION INTERFACE: ETHERNET, distributed by Kempston Controls. Shipping to 240+ countries worldwide.

SICK Safety Help

SICK Safety Help Help with your SICK safety solution is now just a few clicks away. SICK's Safety Help page was developed to help you quickly find answers related

Flexi Loop

Find out all of the information about the SICK product: digital I/O module Flexi Loop. Contact a supplier or the parent company directly to get a quote or to find out a

What You Need to Know About the ISD400-SICK Optical

A family of industrial-grade optical communication interfaces developed by SICK AG for reliable point-to-point transmission over multimode fiber optics using TTL/RS-485 electrical signaling.

Connection Device Fieldbus CDF600-2200, Product data sheet

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

SICK FIBER-OPTIC SENSORS, 8021444

And enjoy a smooth ride with the bus version: convenient setup, reduced wiring, proven anti-interference. the bus interface makes it possible for several sensors to be networked via an Ethernet

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