

OLM Fiber Optic Communication Module



Overview

Siemens has developed new optical link modules (OLM) for Profibus networks. The OLM P22 and OLM G22 modules each have two optical Profibus interfaces using bayonet fiber optic connector (BFOC) technology and two electrical interfaces of the sub-D type. This manual contains notices you have to observe in order to ensure your personal safety, as well as to prevent damage to property. The notices referring to your personal safety are highlighted in the manual by a safety alert symbol, notices referring only to property damage have no safety alert. Establish your optical networks with PROFIBUS OLM (Optical Link Modules) as required in linear, star or redundant ring topologies. Designed to meet the diverse needs of automation professionals. Buy 6GK1503-2CB00 SIEMENS PROFIBUS OLM/G11 V4. Operating on invisible light and free from interference issues, OLMs are gaining attention for their unique capabilities. Build innovative machines faster.



Article Content

May 20, 2026

To which PROFIBUS Optical Link Module (OLM) can you connect a

Description You can connect single-mode or mono-mode glass fiber optic cables (9/125µm or 10/125µm) to the following PROFIBUS Optical Link Modules (OLM):
PROFIBUS OLM/G11-1300

Nov 19, 2025

SIMATIC NET PROFIBUS Optical Link Module OLM

OBT Optical Bus Terminal OLM Optical Link Module PCF Polymer Cladded Fiber (similar to HCS™) PNO PROFIBUS User Organization SELV Safety Extra Low

Jan 10, 2026

Optical networks with OLM

Optical PROFIBUS with OLMs Using optical link modules (OLMs) it is possible to construct optical networks in a linear, ring, or star topologies. The maximum distance between two OLMs is 15

Jul 08, 2025

Optical Networks

Establish your optical networks with PROFIBUS OLM (Optical Link Modules) as required in linear, star or redundant ring topologies. Our Product Finder is your go-to resource for exploring a wide range of

Jun 30, 2025

PROFIBUS OLM and PROFIBUS OLM Configuration

In a linear or bus structure, the single PROFIBUS OLMs are connected by two-fiber cables. At the beginning and at the end of a line, modules

Oct 26, 2025

Optical link module (standard version)

Always set the same mode for the two optical channels connected together via the fiber-optic cable. When operating with devices that do not provide fiber-optic link monitoring, this mode cannot be

Feb 07, 2026

6GK1503-2CB00 SIEMENS PROFIBUS OLM/G11 V4.0

PROFIBUS OLM/G11 V4.0 Optical Link Module with 1 RS 485 interface and 1 glass FO interface (2 BFOC female connectors), with signaling contact and

May 12, 2026

OLM optical link module

Siemens Industry Catalog - Automation technology - Industrial communication - PROFIBUS - Network components for PROFIBUS - Optical networks with OLM - OLM optical link

Dec 01, 2025

Description and Operating Instructions OLM/P11 SIMATIC NET PROFIBUS OLM ...

Use this operating mode if you connect a PROFIBUS OLM with another optical fiber network component, which does not send a frame echo and does not expect or is not compatible with a frame

Aug 28, 2025

Optical link module

Optical channels of the OLM / P V2 connected to optical channels of an OLM / P V4.1 must be operated with a higher transmit power. To do this, set the DIL switch of the channels involved on the OLM / P

Jun 29, 2025

Optical Link Modules

Siemens has developed new optical link modules (OLM) for Profibus networks. The OLM P22 and OLM G22 modules each have two optical Profibus

Dec 10, 2025

Siemens SIMATIC 6GK15032CB00 PROFIBUS Optical

SIMATIC NET, PB OLM/G11 V4.0 OPTICAL LINK MODULE W. 1 RS485 AND 1 GLASS-FOC-INTERFACE (2 BFOC-SOCKETS) WITH SIGNAL. CONTACT AND

Jun 25, 2026

Optical Link Modules

Establish your optical networks with PROFIBUS OLM (Optical Link Modules) as required in linear, star or redundant ring topologies. The range of PROFIBUS OLM products includes many different

Mar 19, 2026

Optical link module

These operating instructions support you when commissioning PROFIBUS OLM devices (Optical Link Modules). These Operating Instructions are intended for personnel involved in the commissioning of

May 08, 2026

Profibus Network Optical Link Modules

Both modules allow two separate electronic Profibus segments to be integrated into one optical network structure, such as a redundant ring, line and star. The OLM

Oct 30, 2025

Optical Networks

Shortdescription: Establish your optical networks with PROFIBUS OLM (Optical Link Modules) as required in linear, star or redundant ring topologies.

Jun 23, 2026

Optical Link Module

Jedes Modul verfügt über zwei (OLM P11, G11), drei (OLM P12, G12) bzw. vier (OLM P22, G22) voneinander unabhängige Kanäle (Ports), welche wiederum aus einem Sender- und Empfängerteil

Sep 01, 2025

Siemens SIMATIC NET OLM/P22 V4.0 Operating

View and Download Siemens SIMATIC NET OLM/P22 V4.0 operating instructions manual online. Optical Link Module. SIMATIC NET OLM/P22 V4.0 control unit pdf

Aug 19, 2025

Optical link module

If a module fails or a fiber-optic cable breaks or disturbances are detected on the optical transmission line, the fiber-optic link between the two OLMs is interrupted (segmented).

Jul 12, 2025

SIMATIC NET PROFIBUS, Optical Link Module

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May 26, 2026

What Is An Optical Link Module? Use Case & Function

In today's fast-evolving technological landscape, communication systems must be secure, high-speed, and reliable. The optical link module (OLM) is an advanced

Apr 13, 2026

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Dec 15, 2025

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Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.piano-lessons.co.za>

Email: info@piano-lessons.co.za

Phone: +31 6 37258914

Address: Herengracht 123, 1015 BT Amsterdam, Netherlands

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