

PROFIBUS OLM P11

Product Data Sheet

6GK1503-2CA00

PROFIBUS optical link module

PROFIBUS TRANSMISSION RATE	PROFIBUS PA TRANSMISSION RATE	RS485 NETWORK INTERFACES	OPTICAL INTERFACES
9.6 kbps to 12 Mbps	45.45 kbps	1	1, with 2 BFOC sockets

Siemens 6GK1503-2CA00 is a PROFIBUS OLM P11 V4.0 optical link module for compatible industrial networks. It links one RS485 segment with a plastic-fiber optical segment for configured PROFIBUS communication.

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VERIFIED TECHNICAL DATA

PROFIBUS transmission rate	9.6 kbps to 12 Mbps
PROFIBUS PA transmission rate	45.45 kbps
RS485 network interfaces	1
Optical interfaces	1, with 2 BFOC sockets
Network electrical connector	9-pin D-sub socket
Supply and signaling terminal poles	5
Optical wavelength	660 nm
Maximum PCF fiber length	400 m
Maximum POF fiber length	80 m
Propagation delay	6.5 bits

ADDITIONAL PRODUCT DATA

Signaling contact rating	24 V DC / 0.1 A
Supply voltage range	18.8 to 28.8 V DC
Maximum current at 24 V DC	0.2 A
Operating temperature	0 to +60 deg C
Ingress protection	IP40

DOCUMENTED USE SETTINGS

Automotive Manufacturing and Production Logistics: Vehicle Assembly and Production.

Chemical Production and Process Manufacturing: Chemical Production Network Communication.

Industrial Manufacturing and Production Coordination: Manufacturing Production Network Communication.

SYSTEM COMPATIBILITY

6GK1503-2CA00 belongs to the PROFIBUS OLM P11 family and provides the documented profibus optical link module function. Its profibus transmission rate is 9.6 kbps to 12 Mbps; match this characteristic to the connected equipment and the project configuration.

PRODUCT EVIDENCE

Siemens PROFIBUS OLM P11 manufacturer documentation; applicable pages 1, 2

AMIKON PRODUCT SUPPORT

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