Industrial Gigabit SFP Transceiver - 1000Base-LX, Singlemode, LC Duplex, DDM, -40° to 85°C, 10 km (6.2 mi.)

MODEL NUMBER: **N286I-1P25GLXD1**

Industrial transceiver module links a Gigabit Ethernet network fiber cable to the SFP port on a switch, firewall or other network device.

Features

Industrial-Grade SFP Transceiver Module Connects Fiber Cabling to Your Network Device
N286I-1P25GLXD1 provides 1000Base-LX throughput over singlemode fiber cable up to 10 kilometers (6.2 miles) at 1310 nm. It complies with IEEE 802.3z 1000Base-LX standards, supports Digital Diagnostic Monitoring (DDM) and transmits bi-directional data at speeds up to 1.25 Gbps. Connect the transceiver to any standard SFP slot on an industrial switch or fiber converter, such as NGI-Series Industrial Gigabit Ethernet Switches.

Built to Last in Harsh Industrial Environments
The N286I-1P25GLXD1 adds 10/100/1000 Mbps Gigabit Ethernet connectivity to your industrial application, such as factory automation, rail and intelligent transportation systems (ITSs), marine, oil and gas, mining and other environments with wide temperature ranges. The high-strength housing withstands vibration, shock and free fall. It can also operate in extreme temperatures ranging from -40 to 85 degrees Celsius (-40 to 185 degrees Fahrenheit).

Hot-Pluggable for Installation Without Network Interruption
This transceiver module is fully hot-pluggable, so you can install it without a potentially costly network shutdown or device reboot. Just plug the SFP end of the transceiver into your network device. The other end has an LC duplex connector to link with high-speed fiber cable (sold separately). A convenient bail clasp latch helps you carefully remove the module from the device.

Highlights

- Ideal for harsh environments, including factories, oil and gas, mines and rail systems
- Provides 1000Base-LX throughput up to 10 km via singlemode fiber cabling
- Hot-swappable interface lets you install and uninstall without shutting down
- Industrial-grade transceiver supports operating temperature range of -40° to 85°C
- Supports bi-directional Gigabit Ethernet data transfer rates up to 1.25 Gbps

System Requirements

Works with standard SFP slots found on industrial switches and fiber converters, such as NGI Series

Package Includes

N286I-1P25GLXD1 Industrial Gigabit SFP Transceiver

Specifications

OVERVIEW	
UPC Code	037332268334
Product Type	Industrial Gigabit SFP Transceiver

Brand Compatibility	TRENDnet
PHYSICAL	
Unit Dimensions (hwd / in.)	0.430 x 0.550 x 2.640
Unit Weight (lbs.)	0.0377
Unit Weight (kg)	0.02
ENVIRONMENTAL	
Operating Temperature Range	-40° to 185°F (-40° to 85°C)
Storage Temperature Range	-40° to 185°F (-40° to 85°C)
Relative Humidity	5% to 95%
Operating Temperature	-40 to 185 F (-40 to 85 C)
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit)
Wavelength	1310nm
Transmission Distance	10 km
CONNECTIONS	
Side A - Connector 1	SFP (MALE)
Side B - Connector 1	LC DUPLEX (FEMALE)
FEATURES & SPECIFICATIONS	
Data Transfer Rate	1 Gbps
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; IEEE 802.3z 1000Base-SX/LX
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty