

# NETS

## Industrial Gigabit SFP

NE-GSFP-S-20-T

### DATASHEET

[www.deponet.com.tr](http://www.deponet.com.tr)

### 1 Products introduction

The NETS SFP family consists of small form-factor pluggable (SFP) transceiver modules that are specifically designed for high-performance integrated duplex data link over single mode optical fiber. These transceiver modules are compliant with the SFP Multisource Agreement (MSA) and hot pluggable. These modules offer an easy way to be installed in SFP MSA compliant ports at any time without the interruption of the host equipment operation.

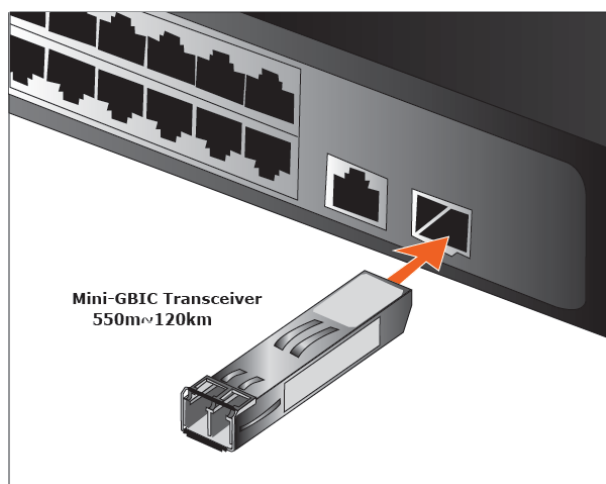
The MGB family of SFP Mini-GBIC Gigabit Ethernet modules can be installed in NETS Switch products with SFP mini-GBIC interface. The deployment distance can be extended from 100 meters (TP) to 550 meters (Multi-mode, LC), and up to 120 kilometers (Single-mode, LC) to meet the increasing demand of the Industrial Ethernet fiber solution, NETS T series 1000BASE-SX/LX/BX transceivers can operate reliably in the electrically harsh, climatically demanding, and wide temperature range (-40°C to 75°C) environment. The NETS T series 1000BASE-SX/LX/BX transceivers provide easy and fast 1000BASE-SX/LX/BX connection for NETS wide-temperature industrial equipment.

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Industrial Gigabit SFP User's Manual

#### APPLICATIONS

The NETS SFP family of the SFP Gigabit Ethernet module can be installed into NETS Switch and Media Converter products with 1000BASE-SX/LX/BX SFP interface. The deployment distance can be extended from 550m (Multi-mode, LC) to up to 120 kilometers (Single-mode, LC). The SFP transceivers are hotpluggable and hot-swappable. You can plug in and pull out the transceivers to/from any SFP port without having to power off the Switch/Media Converter.



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Industrial Gigabit SFP User's Manual

The NETS T series 1000BASE-SX/LX/BX transceiver is an ideal solution for -40°C to 75°C wide temperature industrial equipment with 1000BASE-SX/LX/BX SFP interfaces. The deployment distance can be extended from 550m (Multi-mode, LC) to 10/20/40/80 kilometers (Single-mode, LC).



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## 2 Technical specifications

Product	NE-GSFP-S-20-T
PHY Type	IEEE 802.3z 1000BASE-LX
Fiber Type	Single Mode
Connector	Dual LC/UPC
DDM	Yes
Wavelength	1310nm
Maximum Distance	20km
Operating Temperature	-40~75 degrees C