

User's Manual

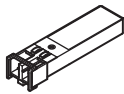
Model 720941 Optical Transceiver Module

Thank you for purchasing the 720941 Optical Transceiver Module. This manual focuses on the handling precautions of the 720941. To ensure correct use, please read this manual thoroughly before operation. Keep this manual in a safe place. Also, the contents of this manual are subject to change without prior notice as a result of improvements to the product's performance and functionality. Refer to our website to view our latest manuals. The 720941 Optical Transceiver Module is a dedicated accessory for the /C50 option of the DL950 ScopeCorder. For information on the optical transceiver module, see also the manual of the DL950 (IM DL950-02EN, IM DL950-03EN).

Checking the Package Contents

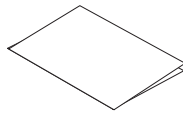
After receiving the product and opening the package, check the following contents before use.

Optical Transceiver Module 720941



Manuals

- IM 720941-01EN (this manual)
- IM 720941-92Z1
- PIM 113-01Z2



Name	Model or Manual Number	Notes
Optical Transceiver Module	720941	1000BASE-SX SFP module 850nm
Manuals	IM 720941-01EN	This manual
	IM 720941-92Z1	Document for China
	PIM 113-01Z2	List of worldwide contacts

Conventions Used in This Manual



Improper handling or use can lead to injury to the user or damage to the instrument. This symbol appears on the instrument to indicate that the user must refer to the user's manual for special instructions. The same symbol appears in the corresponding place in the user's manual to identify those instructions. In the manual, the symbol is used in conjunction with the word "WARNING" or "CAUTION."

WARNING

Calls attention to actions or conditions that could cause serious or fatal injury to the user, and precautions that can be taken to prevent such occurrences.

CAUTION

Calls attention to actions or conditions that could cause light injury to the user or damage to the instrument or user's data, and precautions that can be taken to prevent such occurrences.

Note

Calls attention to information that is important for the proper operation of the instrument.

French



Une manipulation ou une utilisation incorrectes risquent de blesser l'utilisateur ou d'endommager l'instrument. Ce symbole apparaît sur l'instrument pour indiquer à l'utilisateur qu'il doit se reporter au manuel de l'utilisateur afin d'y lire les instructions spécifiques correspondantes. Ce même symbole apparaît à la section correspondante du manuel de l'utilisateur pour signaler lesdites instructions. Dans le manuel de l'utilisateur, ce symbole est accompagné des termes AVERTISSEMENT et ATTENTION.

AVERTISSEMENT

Attire l'attention sur des gestes ou des conditions susceptibles de provoquer des blessures graves (voire mortelles), et sur les précautions de sécurité pouvant prévenir de tels accidents.

ATTENTION


Attire l'attention sur des gestes ou des conditions susceptibles de provoquer des blessures légères ou d'endommager l'instrument ou les données de l'utilisateur, et sur les précautions de sécurité susceptibles de prévenir de tels accidents.

Safety Precautions


This product is designed to be used by a person with specialized knowledge. The general safety precautions described herein must be observed during all phases of operation. If the instrument is used in a manner not specified in this manual, the protection provided by the instrument may be impaired. YOKOGAWA assumes no liability for the customer's failure to comply with these requirements. This manual is part of the product and contains important information. Store this manual in a safe place close to the instrument so that you can refer to it immediately. Keep this manual until you dispose of the instrument.



The following symbols are used on this instrument.

 Handle with care. Refer to the user's manual or service manual. This symbol appears on dangerous locations on the instrument which require special instructions for proper handling or use. The same symbol appears in the corresponding place in the manual to identify those instructions.

French

 À manipuler délicatement. Toujours se reporter aux manuels d'utilisation et d'entretien. Ce symbole a été apposé aux endroits dangereux de l'instrument pour lesquels des consignes spéciales d'utilisation ou de manipulation ont été émises. Le même symbole apparaît à l'endroit correspondant du manuel pour identifier les consignes qui s'y rapportent.

Make sure to comply with the precautions below. Failure to do so could lead to damage to the instrument, injury, or death.



WARNING

This optical transceiver module is designed specifically for the DL950. Do not install this instrument in other devices.

French



AVERTISSEMENT

Ce module d'émetteur-récepteur optique est spécialement conçu pour les dispositifs DL950. Ne pas installer cet instrument dans d'autres appareils.

Note

This module is component of the DL950. Use the module by installing it into the DL950. If you install it in other devices, the module's functions and performance are not guaranteed. Additionally, using these modules voids your warranty.

Safety Precautions for Laser Products

When the 720941 Optical Transceiver Module (SFP) is installed in the DL950, the instrument is considered a Class 1 laser product as defined by IEC/EN 60825-1 Safety of Laser Products-Part 1: Equipment Classification and Requirements. In addition, this instrument complies with FDA performance standards for laser products except for deviations pursuant to Laser Notice No. 50, dated June 24, 2007.



The optical transceiver module is designated for use solely as a component of laser products and therefore does not comply with the appropriate requirements of CFR 1040.10 and 1040.11 for complete laser products.

720941 Optical Transceiver Module (SFP) Laser Specifications

Class	Center Wavelength	Maximum Output Power ^{*1}	Beam Divergence Angle (full angle at 1/e ²)	Pulse Duration and Repetition Frequency	Supplier Code
1	850 nm	0.7 mW	20 deg	CW	FTLF8519P3BNL

*1 Under single fault conditions.

Authorized Representative in the EEA (AR)

Yokogawa Europe B.V. is the authorized representative of Yokogawa Test & Measurement Corporation for this product in the EEA. To contact Yokogawa Europe B.V., see the separate list of worldwide contacts, PIM 113-01Z2.

Disposal

When disposing of Yokogawa products, follow the laws and ordinances of the country or region where the products will be disposed of.