

ABOUT THE Saturation Module, NONIN XPOD model 3012LP

The TMSi Saturation Module, NONIN XPOD model 3012LP is an accessory to TMSi signal acquisition devices in combination with Nonin-branded PureLight® sensors.

For interfacing with a SAGA device the cable is provided with a 7p ODU connector, for interfacing with Mobi or Porti devices the connector is of type LEMO 4p.

The intended use of the Saturation Module is to give an indication of pulse/heart rate and blood oxygen saturation (SpO₂). With compatible sensors it measures transmission or reflection of red- and infra-red light through (extremities of) a body. The module is not intended for diagnostic purposes.



Notes

- For comprehensive XPOD information please visit. <https://www.nonin.com/products/xpod/>
- With any question regarding this product or this datasheet please contact support@tmsi.com.

Maintenance

The product requires no maintenance. It may be cleaned, if deemed necessary.

- Before cleaning make sure the product is turned off and not in contact with a patient.
- Only use tap water, if necessary with a mild detergent, applied through a soft damp cloth.
- Never use aggressive chemicals for cleaning.
- Do not sterilize the product.

Contact Information TMSi

TMSi Support can be reached via email (support@tmsi.com) or by phone during office hours (CET). When you send us an email, please provide as much information as possible, including REF-codes and serial numbers of the used products. You may find the serial number on the device and the REF code on the package label. The REF code starts with 95 followed by two groups of four digits to identify the product type, it ends with two groups of one- or two digits identifying variant and revision of the product. The XPOD serial number has 9 digits.

This will help us to support you in the best way possible.

Contact Information

Zutphenstraat 57
7575 EJ Oldenzaal
The Netherlands

Twente Medical Systems International B.V.



support@tmsi.com
www.tmsi.com

Technical Specifications

Physical Data

Size	Approximate length: 100 mm, width: 21 mm, thickness: 12mm, cable length: 1 m
-------------	--

Weight	<50g
---------------	------

Ingress protection	IP33
---------------------------	------

Oximetry Specifications

Oxygen Saturation range (SpO₂)	0 % to 100 %
--	--------------

Pulse Rate range	18 min ⁻¹ to 321 min ⁻¹
-------------------------	---

Measurement Wavelengths and Output Power	Red: 660 nm @ 0.8 mW max. avg. Infrared: 910 nm @ 1.2 mW max. avg
---	--

Electrical Properties

Power supply voltage range	(1 to 5.5) V
-----------------------------------	--------------

Power consumption	<50 mW
--------------------------	--------

Input connectors	D-Sub 9p
-------------------------	----------

Output connectors	ODU L-series size-0 F-key 7p for SAGA LEMO B0 series 4p for Mobi/Porti
--------------------------	---