

SatEx

External Pulse Oximeter

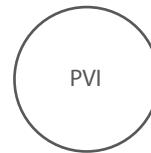
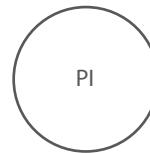
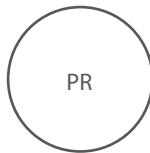
Sensitive Accurate PnP



SPO2 probe Connector



Customisable ODU Connector



Features

Compact, low-power, easy-to-integrate external pulse oximeter :

- > Highly reliable medical grade application module.
- > Plug and play,Satisfied accuracy after power-on.
- > Size :85*30.3*23mm(L*W*H),Overall length of cable:1800mm.
- > Support real-time monitoring of adults,children and infant.
- > Integrated outside the equipment,suitable pulse oximetry solution for medical products.



- > Real-time measurement of pulse oximetry, pulse rate, perfusion index and variability index.
- > Real-time transmission of pulse wave signals based on infrared spectral absorption.
- > Real-time transmission of the working status, hardware status, and software status of the module.
- > It has the ability to resist motion interference and weak signal measurement.
- > Connectors can be customized according to customer needs.

Specifications

| SPO2 | | PR | |
|-------------|------------------------------|------------|-----------|
| Range: | 0~100% | Range | 25~300bpm |
| Accuracy: | ±2%(70%~100%)Undefined(<69%) | Accuracy | ±3bpm |
| Resolution: | 1% | Resolution | 1bpm |

| PI | | PVI | |
|-------------|-----------|------------|-----------|
| Range: | 0~20% | Range | 100% |
| Accuracy: | Undefined | Accuracy | Undefined |
| Resolution: | 0.001% | Resolution | 1% |

Electrical Specification

| | |
|-------------------|--|
| Power supply | DC.5V±5% |
| Power consumption | <1W |
| Communication | TTL level UART mode and RS232 serial communication |
| Temperature | Operating 0°C~ 70°C Storage -40°C~ 70°C |

Compliance

| | |
|----------|--|
| Standard | ISO 80601-2-61: 2017 IEC 60601-1-2:2014 |
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Purchase Guider

| Code | Name | Quantity | Description | Image |
|---------------|---|----------|----------------------------|---|
| Optional | SatEx cable | x1 | Connect with ODU female |  |
| 009-041006-00 | ODU female | Optional | Connect with ODU connector |  |
| 041-002004-01 | SPO2 probe finger adult Applicable to adult | Optional | Connect with SPO2 cable |  |
| 041-002005-01 | SPO2 probe finger child Applicable to Child | Optional | Connect with SPO2 cable |  |
| 041-002009-00 | SPO2 probe wrap Applicable to adult /Pediatric/Infant | Optional | Connect with SPO2 cable |  |
| 041-002027-01 | SPO2 soft probe finger adult Applicable to adult | Optional | Connect with SPO2 cable |  |
| 041-002028-01 | SPO2 soft probe finger child Applicable to Child | Optional | Connect with SPO2 cable |  |
| 041-002030-00 | Disposable SPO2 cable Non-adhesive | Optional | Connect with SPO2 cable |  |
| 041-002006-01 | Disposable SPO2 cable Adhesive foam | Optional | Connect with SPO2 cable |  |
| 041-002005-01 | Disposable SPO2 cable Adhesion | Optional | Connect with SPO2 cable |  |

* The data is subject to change without notice. Please refer to the manual for the contraindications and precautions