

Omni 模组 GPS 模组

M504DWQ GPS 模组

1. 模组支持 GPS、GLONASS、WIFI 等多种定位方式
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OTA 模组 [模组](#) 模组

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- 模组支持 IOT 模组

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Prevent over-speed, standardize driving behavior!

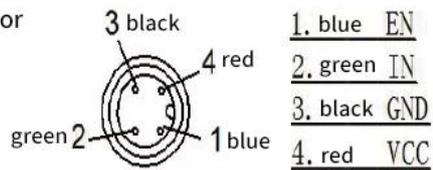
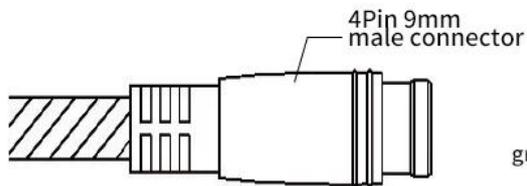
SEEWORLD S102A can standardize driver's driving behavior through over-speed alarm and the driving behavior analyse in WhatsGPS platform.



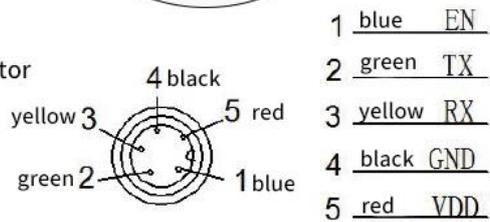
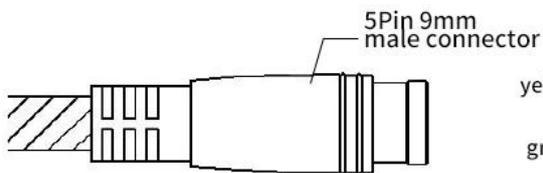
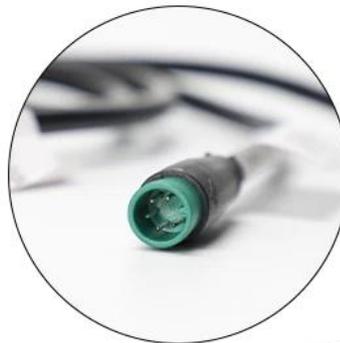
WIRING INSTRUCTIONS



Level control line interface definition



Serial communication line interface definition



MAJOR PARAMETERS



Communication with Controller

Level control/serial port

Communication with cloud server

MQTT

Vibration detection

Three-axis accelerometer

Built-in battery

3.7V/90mAh

Working voltage

9-100V DC

Working current

$\leq 500\text{mA}$ (9-100V DC)

Working temperature

$-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$

Storage temperature

$-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$

Working humidity

10~93RH

Built-in battery life

>0.5h (25°C)

Waterproof& dustproof

IP67

Outside shell material

PC+10%GF

SIM card

Micro size (Micro-SIM)

Dimension of the device

LxWxH: 109mm × 58mm
× 21.2mm (not including the wire)

Location

Support GPS, GLONASS, BeiDou, Galileo, WIFI assistant location system

Location precision

$\leq 15\text{meters}$ (Open area, weather is sunny without shade.)

Location condition

Search satellites numbers ≥ 4 satellites and signal noise over 30dB

Starting time

Cold startup less than 120seconds, Warm startup less than 30 seconds, (Open area, weather is sunny without shade, including coordination optimization)

Sensitivity

-158dBm