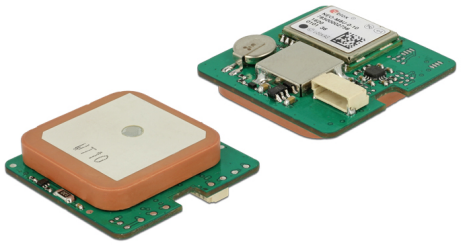
Navilock NL-82052TTL Multi GNSS UDR u-blox NEO-M8U PPS engine module

Descripción

GNSS modules are fully assembled receiver with patch antenna, backup battery etc .. This version uses TTL 3.30 V. Several integrated sensors allow position determination without GNSS signals.

Nota

The manual contains essential installation and commissioning conditions for the successful operation of this GNSS module!



Número de elemento 62745

EAN: 4043619627455

Pais de origen: Taiwan, Republic Of China

Paquete: Poly bag

Especificación técnica

- Connector: WTB serial TTL
- u-blox NEO-M8U module
- Frequency:
  GPS: L1, 1575.4200 MHz
  GLONASS: L1, 1602.5625 ~ 1615.5000 MHz
  BEIDOU COMPASS: B1, 1561.0980 MHz
  GALILEO E1, 1575.4200 MHz
  QZSS L1, 1575.4200 MHz
- Accepts the signals of up to 72 satellites at the same time
- Supports AssistNow online/offline,
  SBAS (WAAS, EGNOS, QZSS and MSAS)
- Supports NMEA 0183 protocols: GGA, GSA, GSV, RMC, VTG
- Supports UDR from NMEA 4.1
- Auto Baud Rate up to 115200 bps
- Update rate: up to 20 Hz
- Sensibility max.: −160 dBm
- LED-indicator for GPS status
- Operating temperature:
  -40 °C ~ 85 °C without battery
  -20 °C ~ 60 °C with battery
- Power supply: 5 - 48 V DC
- Current consumption: max. 45 mA
- Cold start in ca. 26 seconds

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- Hot start in ca. 1 second
- Positioning accuracy:
  2.5 m CEP (Circular Error Probable)
  2.0 m CEP with SBAS (Circular Error Probable)
- Dimension (LxWxH): ca. 30 x 30 x 7.90 mm

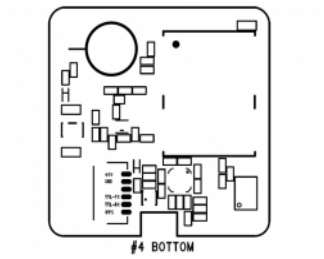
Requisitos del sistema

- Device with a free TTL 3.3 V connector

Contenido del paquete

- Engine module
- Navilock support CD

Image



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Interface

conector :	1 x WTB ACES 87214 - 0600 plug

Technical characteristics

Operating voltage:	5 - 48 V DC
Conjunto de chips:	u-blox NEO-M8U
Frequency range:	BEIDOU: B1, 1561.0980 MHz GALILEO: L1 1575,4200 MHz GLONASS: G1, 1.6025625 - 1.6155000 GHz GPS: L1, 1,5754200 GHz
Temperatura de funcionamiento:	-20 °C ~ 60 °C -40 °C ~ 85 °C withour battery
Current consumption:	45 mA
Sensibility:	-160 dBm
Update rate:	hasta 20 Hz

Physical characteristics

Longitud:	30 mm
Width:	30 mm
Height:	7,9 mm

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