# UBLOX NEO-M8N GPS Module Compass Bracket GNSS



**Produktkode:** 921a
**Tilgjengelighet:** Opp til 1 mnd leveringstid
**Weight:** 0.00kg
**Custom Field 5 (Location):** drone 4

## Pris: kr. 480,00

**Kort beskrivelse**
UBLOX NEO-M8N GPS Module Compass Bracket GNSS For PIX PX4 Flight Controller

**Beskrivelse**
A new generation Ublox GPS NEO-M8N, with low power consumption and high precision, the ultimate accuracy is 0.6 meters, actually almost 0.9 meters, greater than the previous generation NEO-7N 1.4-1.6 meters accuracy, support GPS/QZSS L1 C/A, GLONASS L10F, BeiDou B1 protocol and mode or more.

**Features:**
- Quick satellite searching, only need 10s to find 6 satellite in open space.
- Built-in compass, refresh rate up to 10GHz.
- Support GPS+BD+SBAS, or GPS+GLONASS+SBAS.

**Specifications:**

- Receiver Type: 72 channel U-BLOX M8 engine
- GPS/QZSS L1, GLONASS L10F, BeiDou B1
- SBAS L1 C/A: WAAS, EGNOS, MSAS
- Galileo-ready E1B/C (NEO-M8N)
- Nav. update rate1 Single GNSS: Up to 18Hz
- Concurrent GNSS: Up to 10Hz

- Position Accuracy: 2 2.0mm CEP
- Acquisition Cold Starts: 26s
- Aided Starts: 2s
- Reacquisition: 1.5s
- Sensitivity Tracking & Nav.: -167dBm
- Cold Starts: -148dBm
- Hot Starts: -156dBm
- Assistance: AssistNow GNSS Online
- AssistNow GNSS Offline (up to 35days)3
- AssistNow Autonomous (up to 6days)
- OMA SUPL & 3GPP ompliant
- Oscillator TCXO (NEO-M8N/Q)
- Crystal (NEO-M8M)
- RTC crystal built-in
- Lowest noise figure (NEO-M8N/Q)
- Anti jamming Active CW detection and removal. Extra
- Onboard SAW band pass filter (NEO-M8N/Q)
- Memory ROM (NEO-M8M/Q) or Flash (NEO-M8N)
- Supported antennas active and passive
- Odometer travelled distance
- Data-logger for position, velocity and time (NEO-M8N)

- Operating Temperature: -40?~85?
- Storage Temperature: -40?~85? (NEO/M8N/Q); -40?~105? (NEO-M8M)
- RoHs compliant (lead-free)
- Qualification according to ISO 16750
- Manufactured and fully tested in ISO/TS 16949 certified production sites
- Uses U-BLOX M8 chips qualified according to AEC-Q100

- Supply Voltage: 1.65V-3/6V (NEO-M8M); 2.7V-3.6V (NEO-M8N/Q)
- Power Comsumption: 23mA@3.0V (continous)
- 5mA@3.0V Power Save Mode
- (1Hz, GPS mode only)
- Backup Supply: 1.4-3.6V