

Link do produktu: <https://www.gotronik.pl/modul-sensora-58ghz-xyc-wb-dc-p-4071.html>



## Moduł sensora 5.8GHz XYC-WB-DC

Cena brutto	<b>29,49 zł</b>
Cena netto	<b>23,98 zł</b>
Dostępność	<b>Dostępny</b>
Numer katalogowy	<b>BTE-235</b>
Producent	<b>mini moduły</b>

### Opis produktu

Moduł sensora 5.8GHz XYC-WB-DC

*Moduł wykorzystujący zjawisko (efekt) Dopplera. XYC-WB-DC*

dane techniczne:

- napięcie zasilania: 3,3V do 20Vdc
- pobór prądu w stanie czuwania: poniżej 3mA
- moc nadawca: poniżej 2mW
- temperatura pracy: -20°C do +80°C
- wyzwalenie: (domyślnie) powtórzone wyzwolenie
- sygnał wyjściowy TTL: stan wysoki H >3,3V, stan niski L 0V
- kąt wykrywania: 360° (sferycznie)
- zakres detekcji: 6 do 9 metrów  
(domyślne ustawienie na 8 metrów)
- opóźnienie pracy: od 1 sekund do kilku sekund  
(domyślne ustawienie 30 s)

#### Description:

It uses Doppler radar technology, with auto-sensing capabilities to control other product, High sensitivity, sensor distance, reliability, wide angle sensor, Wide supply voltage range and other characteristics. Widely used in lighting situations, anti-theft alarm situations.

#### Features:

1. microwave sensors using planar antenna and receiving echo.
2. The switch is active sensors.
3. The sensors emit a high-frequency electromagnetic waves and receives their echo.
4. The sensors detect changes within echo.
5. The sensors detect tiny movement in detect range.
6. Send signal to MCU and execution instruction.
7. Signals are likely to be detected through the door, glass and thin walls.
8. It will get best probe result if person or object when moving toward the sensor.
9. This product is a strong anti-jamming capability, almost without wind, heat and other environmental factors foreign interference

#### Parameter:

1. working voltage: 3.3-20VDC;
2. standby quiescent current: <3mA;
3. transmit power: <2mW;
4. the working environment temperature: -20 ~ +80 Centigrade;
5. Trigger: Repeat Trigger (default);
6. the output signal: TTL level; high->3.3V/Low->0V;
7. detection angle: 360°(spherical) no dead ends;
8. detection range: 6-9 meters (when ordering optional). The default setting 8 meters;
9. the working delay: 1 second to hundreds of seconds, the default setting 30S;

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**Usage notice:**

1. It is better away from wall about 3-4 meter.against get sensor from another side of wall;
2. Open areas more responsive

**Application:**

1. Security
2. Intelligent Lighting
3. Body sensors toys
4. Industrial automation and control
5. Auto-sensing electrical equipment
6. Battery-powered automatic control

zdjęcia:

5.8GHZ Microwave Radar Sensor Module Smart Sensoring Switch 6-9M Home Control