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[www.testo.com/manuals](http://www.testo.com/manuals)



<https://qr.testo.com/ldtw8z>














<p>236 x 108 x 45 mm 9.3 x 4.3 x 1.8 in</p>	<p>-20 ... +50 °C -4 ... +122 °F</p> <p>-20 ... +50 °C -4 ... +122 °F</p>	<p>0,01 m/s 1.97 fpm</p> <p>0,1 m³/h (0 ... +99,9 m³/h) 0.1 cfm (0.1 ... +58.8 cfm)</p> <p>Others: 1 m³/h 1 cfm</p>	<p>3x 1,5 V AA alkaline battery</p>	<p>0,3 ... 20 m/s +59.1 ... +3937 fpm</p> <p>0 ... +50 °C 32 ... +122 °F</p>	<p>±(0,1 m/s + 1,5% of mv) ±(19.7 fpm + 1.5% of mv)</p> <p>±0,5 °C ±32.9 °F</p>	<p>243 g 8.6 oz</p>	<p>IP10</p>

# Approvals and Certification

Product / 产品名称	testo 417
Mat.-No. / 型号	0560 0417
Date / 日期	2023-09-13

The use of the wireless module is subject to the regulations and stipulations of the respective country of use, and the module may only be used in countries for which a country certification has been granted. The user and every owner has the obligation to adhere to these regulations and prerequisites for use, and acknowledges that the re-sale, export, import etc. in particular in countries without wireless permits, is his responsibility.

Country	Comments
Argentina	Authorized
Australia	 E 1561
Brazil	 08907-23-04701 See Brazil Information
Canada	Contains IC: 21461-LSD4BTS98 Compliance Distance: 10 mm See IC Warnings
China	CMIIT ID: 2023DJ8981
Europa + EFTA	  Hereby, Testo SE & Co. KGaA declares that the radio equipment type testo 417 (0560 0417) is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <a href="http://www.testo.com/eu-conformity">www.testo.com/eu-conformity</a> <b>EU countries:</b> Belgium (BE), Bulgaria (BG), Denmark (DK), Germany (DE), Estonia (EE), Finland (FI), France (FR), Greece (GR), Ireland (IE), Italy (IT), Latvia (LV), Lithuania (LT), Luxembourg (LU), Malta (MT), Netherlands (NL), Austria (AT), Poland (PL), Portugal (PT), Romania (RO), Sweden (SE), Slovakia (SK), Slovenia (SI), Spain (ES), Czech Republic (CZ), Hungary (HU), Republic of Cyprus (CY). <b>EFTA countries:</b> Iceland, Liechtenstein, Norway, Switzerland  WEEE Reg. no. DE 75334352
India	Authorized
Japan	Contains Lierda S98 BLE module  201-200960 See Japan Information
Malaysia	Type Approval Code: RGL0/23A/0323/S(23-1001)
South Africa	 TA-2022/3442
South Korea	 R-R-te2-05600417 contains: R-R-te2-S98 See KCC Warning
Türkiye	Authorized
United Arabian Emirates	Authorization Number: ER18445/23
United Kingdom (GB)	  The UK Declaration of Conformity can be found on the testo homepage <a href="http://www.testo.com">www.testo.com</a> under the product specific downloads.
USA	 N8NLS4BT-S98 See FCC Warnings

Bluetooth® Information	Feature 特征与参数	Values 数值
	Bluetooth® range / 范围	up to 60 m / 196 ft (free field / 无障碍场地)
	Radio type / 型号	Bluetooth® Low Energy (BLE)
	Company / 制造商	Lierda Science & Technology Group Co., Ltd Lierda LSD4BT-S98B
	RF Band / 射频频段	2402 – 2480 MHz
	Power output / 输出功率	8.77 dBm
Bluetooth® SIG Listing	Declaration ID	D051404
	Member company	Testo SE & Co. KGaA

	Comments
Hongkong	Authorized
Taiwan	 CCAB23Y10090T2 See NCC Warning / NCC 警告見

## IC Warnings

**CAN ICES-003(B) / NMB-003(B)**  
This Class B digital apparatus complies with Canadian ICES-003.  
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

**RSS-Gen & RSS-247 statement**  
This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:  
(1) this device may not cause interference, and  
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes :  
(1) l'appareil ne doit pas produire de brouillage, et  
(2) l'utilisateur de l'appareil doit accepter tout brouillage radio-électrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

**Caution: Radio Frequency Radiation Exposure**  
The product comply with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

**Co-Location**  
This device must not be co-located or operated in conjunction with any other antenna or transmitter.

**Attention : exposition au rayonnement de radiofréquences**  
Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les Etats-Unis et le Canada établies pour un environnement non contrôlé.

Le produit est sûr pour un fonctionnement tel que décrit dans ce manuel. La réduction aux expositions RF peut être augmentée si l'appareil peut être conservé aussi loin que possible du corps de l'utilisateur ou que le dispositif est réglé sur la puissance de sortie la plus faible si une telle fonction est disponible.

**Co-Location**  
Ce dispositif ne doit pas être utilisé à proximité d'une autre antenne ou d'un autre émetteur.

## FCC Warnings

Information from the FCC (Federal Communications Commission)

**For your own safety**  
Shielded cables should be used for a composite interface. This is to ensure continued protection against radio frequency interference.

**FCC warning statement**  
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the

FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### Caution

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Shielded interface cable must be used in order to comply with the emission limits.

### Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

### Caution: Radio Frequency Radiation Exposure

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction. Federal Communication Commission (FCC) Radiation Exposure Statement Power is so low that no RF exposure calculation is needed.

### Co-Location

This device must not be co-located or operated in conjunction with any other antenna or transmitter.

## Japan Information

当該機器には電波法に基づく、技術基準適合証明等を受けた特定無線設備を装着している。

## KCC Warning

이 기기는 사용 중 전파 혼신 가능성이 있으며, 타 기기로부터 유해한 혼신을 받을 수 있음.

## Brazil Information

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados. Este equipamento não é apropriado para uso em ambientes domésticos, pois poderá causar interferências eletromagnéticas que obrigam o usuário a tomar medidas necessárias para minimizar estas interferências.

Para maiores informações, consulte o site da Anatel – <https://www.gov.br/anatel/pt-br/>

## NCC Warning / NCC警告見

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。