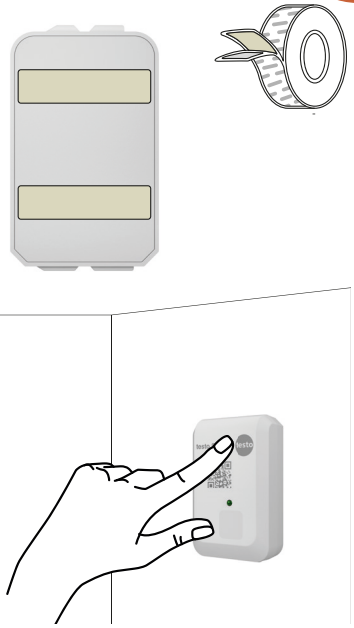
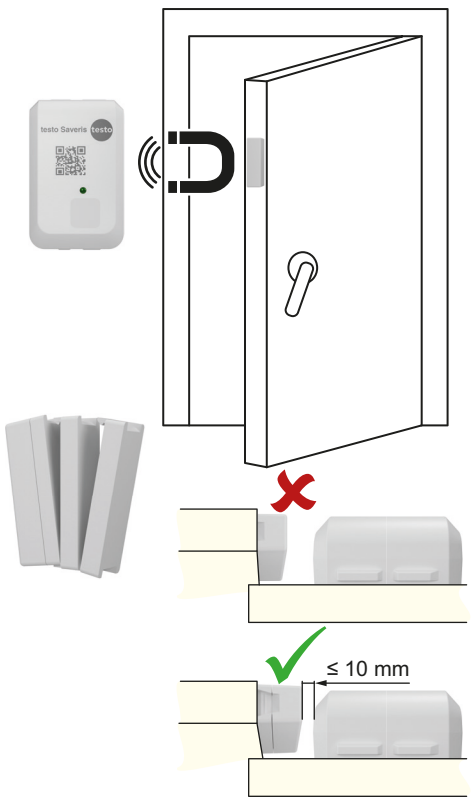
testo 164

testo 164 T1 (0572 1641 xx), testo 164 H1 (0572 1644 xx), testo 164 DC (0572 1646 xx)

0572 1641 xx **0572 1644 xx** **0572 1646 xx**





www.testo.com/manuals

https://qr.testo.com/ldtw8z

www.saveris.testo.com/get-started

		°C					
testo 164 T1 0572 1641 XX	**62.6 x 38 x 17.5 mm** 2.5 x 1.5 x 0.7 in	-30…+85 °C -22 … +185 °F testo 164 H1: -10…+50 °C +14 … +122 °F -30…+85°C -22 … +185 °F testo 164 H1: -30…+60 °C -22 … +140 °F	Lithium battery	-30 … +85 °C -22 … +185 °F	± 0.5 °C (-30 … +50 °C) ± 0.9 °F (-22 … +122 °F)	IP67	44 g 1.55 oz
testo 164 H1 0572 1644 XX				-10 … +50 °C +14 … +122 °F 0 … 100 % RH	± 0.5 °C (-10 … +50 °C) ± 0.9 °F (+14 … +122 °F) ± 5 %RH (0 … <10 %RH) ± 3 %RH (10 … <35 %RH) ± 2 %RH (35 … <65 %RH) ± 3 %RH (65 … <90 %RH) ± 5 %RH (90 … 100 %RH) ± 1 %RH hysteresis ± 1 %RH / drift per year ± 0.06%RH/K @ 0 … 60 °C	IP20	
testo 164 DC 0572 1646 XX				-	-	IP67	

Approval and Certification

Product	testo 164 T1 EU testo 164 DC EU testo 164 H1 EU
Mat.-No.	0572 1641 01 0572 1646 01 0572 1644 01
Model No.	0572 2201 01 0572 2203 01 0572 2211 01
Date	26.12.2024

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
Europa + EFTA	CE Hereby, Testo SE & Co. KGaA declares that the radio equipment types testo 164 T1 EU (0572 2201 01), testo 164 DC EU (0572 2203 01) and testo 164 H1 EU (0572 2211 01) are in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: https://www.testo.com/eu-conformity **EU countries:** 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). **EFTA countries:** Iceland, Liechtenstein, Norway, Switzerland WEEE Reg. no.: DE 75334352
South Africa	0572 2201 01: TA-2022/2751 0572 2203 01: TA-2022/2772
Türkiye	Approved
United Arab Emirates	0572 2201 01: ER18539/23
United Kingdom (UK)	UKCA The UK Declaration of Conformity can be found on the testo homepage www.testo.com under the product specific downloads.

Module	Feature	Values
	Radio range	up to 200 m (650 feet) (free field)
	Type	Lierda L-RFOMD40-04594-01
	RF Band	865 to 868 MHz (L-Band)
	Output power	12.5 dBm
	Antenna gain	max -1.13 dBi
	Company	Lierda Technology Group Co., Ltd.

EN12830	testo 164 T1 EU Acc. to EN12830-S, 0.5 -30 … +85 °C IIIb

	Comments
Hongkong	Authorized

Product	testo 164 T1 FCC testo 164 DC FCC testo 164 H1 FCC
Mat.-No.	0572 1641 02 0572 1646 02 0572 1644 02
Model No.	0572 2201 02 0572 2203 02 0572 2211 02

Country	Comments	
Australia		E 1561
Canada	0572 2201 02 IC ID: 6127B-0572220102 0572 2203 02 IC ID: 6127B-0572220302 0572 2211 02 IC ID: 6127B-0572221102 See IC Warnings	
Trinidad and Tobago	0572 2203 02 Approved	
USA	FC 0572 2201 02 FCC ID: WAF-0572220102 0572 2203 02 FCC ID: WAF-0572220302 0572 2211 02 FCC ID: WAF-0572221102 See FCC Warnings	

Module	Feature	Values
	Radio range	up to 200 m (650 feet) (free field)
	Type	Lierda L-RFOMD40-04594-01
	RF Band	915 to 928 MHz
	Modulation	GFSK
	Output power	12.5 dBm
	Transm. rate	50 kBit/s
	Antenna gain	max -1.13 dBi
	Antenna Part Number	0263 0009
	Company	Lierda Technology Group Co., Ltd.

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
(2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Caution: Radio Frequency Radiation Exposure

This equipment complies with radio frequency exposure limits set forth by the Innovation, Science and Economic Development Canada for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 cm between the device and the user or bystanders.

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

Cet équipement est conforme aux limites d'exposition aux radiofréquences définies par la Innovation, Sciences et Développement économique Canada pour un environnement non contrôlé.

Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre le dispositif et l'utilisateur ou des tiers

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

This equipment complies with radio frequency exposure limits set forth by the FCC for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 cm between the device and the user or bystanders.

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

Product 产品名称	testo 164 T1 CN 无线传感器 testo 164 DC CN 无线传感器 testo 164 H1 CN 无线传感器
Mat.-No. 材料号	0572 1641 03 0572 1646 03 0572 1644 03
Model No. 型号	0572 2201 03 0572 2203 03 0572 2211 03

Country	Comments	
China	Approved	
Philippines	0572 2201 03: Approved 0572 2203 03: Approved	
Module 通讯模块	**Feature / 特征与参数**	**Values / 数值**
	Radio range 无线电范围	up to 200 m (650 feet) (free field / 无障碍场地)
	Radio type / 类型	Lierda L-RFOMD40-04594-01
	RF Band / 射频频段	868.0 to 868.6 MHz
	Company / 制造商	Lierda Technology Group Co., Ltd.

* 符合"微功率短距离无线电发射设备目录和技术要求"中通用无线遥控设备技术要求，用于数据传输应用。采用内置天线。

* 不得擅自改变使用场景或使用条件、扩大发射频率范围、加大发射功率（包括额外加装射频功率放大器），不得擅自更改发射天线。

* 不得对其他合法的无线电台（站）产生有害干扰，也不得提出免受有害干扰保护。

* 应当承受辐射射频能量的工业、科学及医疗 (ISM) 应用设备的干扰或其他合法的无线电台（站）干扰。

* 如对其他合法的无线电台（站）产生有害干扰时，应立即停止使用，并采取措施消除干扰后方可继续使用。

* 在航空器内和依据法律法规、国家有关规定、标准划设的射电天文台、气象雷达站、卫星地球站（含测控、测距、接收、导航站）等军□用无线电台（站）、机场等的电磁环境保护区域内使用微功率设备，应当遵守电磁环境保护及相关行业主管部□的规定。

* 微功率部分使用时温度和电压的环境条件（温度见说明书，由内部电池供电）

Product	testo 164 T1 JP testo 164 DC JP
Mat.-No.	0572 1641 04 0572 1646 04
Model No.	0572 2201 04 0572 2203 04

Country	Comments	
Japan	0572 2201 04: R 214-124261 0572 2203 04: R 214-124263 See Japan Information	
Module	**Feature**	**Values**
	Radio range	up to 200 m (650 feet) (free field)
	Type	Lierda L-RFOMD40-04594-01
	RF Band	922.4 to 928 MHz
	Output power	12.5 dBm
	Antenna gain	max -1.13 dBi
	Company	Lierda Technology Group Co., Ltd.

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。

Product	testo 164 T1 KR testo 164 DC KR
Mat.-No.	0572 1641 05 0572 1646 05
Model No.	0572 2201 05 0572 2203 05

Country	Comments	
South Korea	0572 2201 05: R-R-te2-05722201 Contains: R-R-te2-03440031 0572 2203 05: R-R-te2-05722203 Contains:R-R-te2-03440031 See KCC Warning	
Module	**Feature**	**Values**
	Radio range	up to 200 m (650 feet) (free field)
	Type	Lierda L-RFOMD40-04594-01
	RF Band	922.3 to 923.1 MHz
	Output power	12.5 dBm
	Antenna gain	Max. -6.11 dBi
	Company	Lierda Science & Technology Group Co., Ltd

KCC Warning

이 기기는 사용 중 전파 혼신 가능성이 있으며, 타기기로 부터 유해한 혼신을 받을 수 있음

Product	testo 164 T1 IN testo 164 DC IN testo 164 H1 IN
Mat.-No.	0572 1641 06 0572 1646 06 0572 1644 06
Model No.	0572 2201 06 0572 2203 06 0572 2211 06

Country	Comments	
India	Approved	
Module	**Feature**	**Values**
	Radio range	up to 200 m (650 feet) (free field)
	Type	Lierda L-RFOMD40-04594-01
	RF Band	865 to 867 MHz
	Output power	12.5 dBm
	Antenna gain	max -1.13 dBi
	Company	Lierda Technology Group Co., Ltd.

Product	testo 164 T1 testo 164 DC
Mat.-No.	0572 1641 0x 0572 1646 0x
Model No.	0572 2201 0x 0572 2203 0x

Certification	Comments
NSF	
0572 2201 0x 0572 2203 0x (x = 1, 2, 3, 4, 5, 6, 7)	NSF

Manufacturer/ importer

Testo SE & Co. KG aA
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+49 7653 681-0
www.testo.com
Warning: Please follow the instructions when using the product.