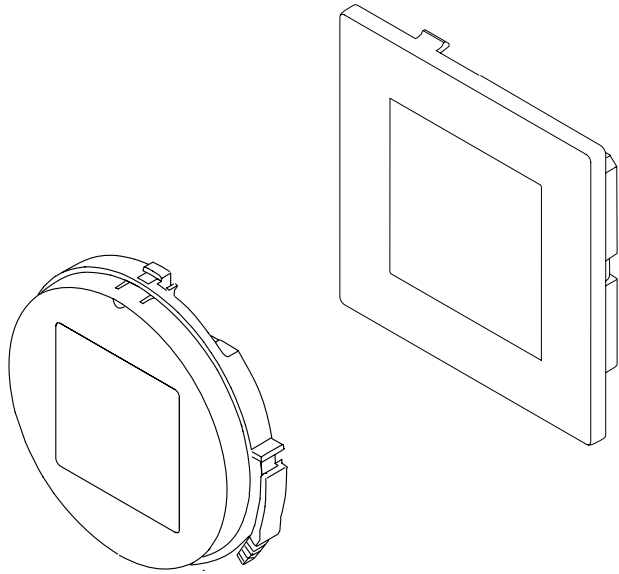


Special Documentation

Display modules A400/A401/ A402/A406/A407

Display with Bluetooth interface



1 About this document

1.1 Document function



This document is part of the Operating Instructions and serves as a reference when using the display modules with a Bluetooth interface.

Supported transmitters


- Proline 10
- Proline 800
- ICP-MS
- ICP-OES
- multiEA
- APU
- AAS
- TOC
- multiX

1.2 Symbols used

1.2.1 Symbols for certain types of information

Symbol	Meaning
	Tip Indicates additional information.
	Notice or individual step to be observed

1.3 Supplementary documentation

 For an overview of the scope of the associated Technical Documentation, see the W@M Device Viewer:

www.endress.com/deviceviewer

- ▶ Enter the serial number on the nameplate of the device to which the display module with the Bluetooth interface is connected.

2 Declaration of Conformity

Display modules A400/A401/A402/A406/A407 comply with all the applicable EC directives.

3 Product description

The display with a Bluetooth interface allows wireless access to the measuring device via the SmartBlue app.



The display with a Bluetooth interface may only be connected to measuring devices designed for this purpose.


4 Technical data

Function	Bluetooth Low Energy (BLE)
Range	Typically 10 m (32 ft)


5 Radio approvals

5.1 Brazil

5.1.1 A400, A401, A402

 A0039074 06101-21-07311	<p>Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.</p> <p>Para maiores informações, consulte o site da ANATEL www.gov.br/anatel/pt-br</p>
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5.1.2 A406, A407

 A0039074 06065-21-07311	<p>Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.</p> <p>Para maiores informações, consulte o site da ANATEL www.gov.br/anatel/pt-br</p>
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5.2 Europe

This device meets the requirements of the Telecommunications Directive RED 2014/53/EU.

5.3 Indonesia

A400	A401	A402
72762/SDPPI/2021 4962	72761/SDPPI/2021 4962	72759/SDPPI/2021 4962
		
A406	A407	
72757/SDPPI/2021 4962	72756/SDPPI/2021 4962	
		

5.4 Japan

Japanese Radio Law and Japanese Telecommunications Business Law Compliance.

This device is granted pursuant to the Japanese Radio Law (電波法) and the Japanese Telecommunications Business Law (電気通信事業法).

This device should not be modified (otherwise the granted designation number will become invalid).

5.5 Canada and United States

5.5.1 English

This device complies with Part 15 of the FCC Rules and with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.



Changes or modifications made to this equipment not expressly approved by Endress+Hauser Flowtec AG may void the to operate this equipment.



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.



Radiofrequency radiation exposure information

This equipment complies with FCC and IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

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

5.5.2 Français

Le présent appareil est conforme aux CNR d'industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes :

- L'appareil ne doit pas produire de brouillage, et
- L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

 Les changements ou modifications apportés à cet appareil non expressément approuvés par Endress+Hauser Flowtec AG peuvent annuler cet appareil.



Déclaration d'exposition aux radiations

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

Ce transmetteur ne doit pas être placé au même endroit ou utilisé simultanément avec un autre transmetteur ou antenne.

5.6 Mexico

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.


  <small>A0034100</small>	Marca: Endress+Hauser Flowtec AG Modelo: A400 IFT No.: RCPENA421-0333-A1 Modelo: A401 IFT No.: RCPENA421-0333 Modelo: A402 IFT No.: RCPENA421-0333-A2 Modelo: A406 IFT No.: RCPENA421-0098 Modelo: A407 IFT No.: RCPENA421-0098-A1
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5.7 Oman

OMAN - TRA
R/12929/22
D172249

5.8 Republic of Korea

5.8.1 A400, A401, A402

	제품명(모델명): Display module (A400 / A401 / A402) 인증번호 : R-R-EHF-A401 제조자/제조국가: Endress+Hauser Flowtec AG / 스위스
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5.8.2 A406, A407



제품명(모델명): Display module (A406 / A407)

인증번호 : R-R-EHF-A406

제조사/제조국가: Endress+Hauser Flowtec AG / 스위스

5.9 Singapore

Complies with
IMDA Standards
DA108204

5.10 Thailand



เครื่องวิทยุคมนาคมนี้ได้รับยกเว้น ไม่ต้องได้รับใบอนุญาตให้มี ใช้ซึ่งเครื่องวิทยุคมนาคมหรือตั้งสถานีวิทยุคมนาคมตามประกาศ กสทช. เรื่อง เครื่องวิทยุคมนาคม และสถานีวิทยุคมนาคมที่ได้รับยกเว้นไม่ต้องได้รับใบอนุญาตวิทยุคมนาคมตามพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498



nanb. | โทรคมนาคม

กำกับดูแลเพื่อประชาชน

Call Center 1200 (InSW5)

A0048466


5.11 United Arab Emirates

	<p>TRA - United Arab Emirates</p> <p>Dealer ID: DA37063/14 TA RTTE: ER95637/21 Model: A400 Type: Bluetooth</p>	
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A0046472

	<p>TRA - United Arab Emirates</p> <p>Dealer ID: DA37063/14 TA RTTE: ER95343/21 Model: A401 Type: Bluetooth</p>	
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A0046473

	<p>TRA - United Arab Emirates</p> <p>Dealer ID: DA37063/14 TA RTTE: ER95638/21 Model: A402 Type: Bluetooth</p>	
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A0046474

	<p>TRA - United Arab Emirates</p> <p>Dealer ID: DA37063/14 TA RTTE: ER95344/21 Model: A406 Type: Bluetooth</p>	
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5.12 Other countries

Other national approvals are available on request.

6 Availability

6.1 Africa

Egypt	Namibia	Réunion
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6.2 Asia

China	Cyprus	Egypt
Georgia	Hong Kong	India
Indonesia	Israel	Japan
Malaysia	Oman	Qatar
Republic of Korea	Saudi Arabia	Singapore
Thailand	Turkey	United Arab Emirates
Viet Nam	-	-

6.3 Australia and Oceania

American Samoa	Australia	Micronesia
New Zealand	Vanuatu	-

6.4 Europe

Andorra	Austria	Belgium
Bosnia and Herzegovina	Bulgaria	Croatia

Czechia	Denmark	Estonia
Finland	France	Germany
Greece	Guernsey	Hungary
Iceland	Ireland	Isle of Man
Italy	Jersey	Kosovo
Latvia	Liechtenstein	Lithuania
Luxembourg	Malta	Monaco
Montenegro	Netherlands	North Macedonia
Norway	Poland	Portugal
Romania	San Marino	Slovakia
Slovenia	Spain	Sweden
Switzerland	Turkey	United Kingdom
Vatican City	-	-

6.5 North America

Canada	Guadeloupe	Martinique
Mexico	Saint Barthélemy	Saint Martin
Sint Maarten	United States	-

6.6 South America

Argentina	Bolivia	Brazil
Chile	Colombia	French Guiana
Peru	-	-



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