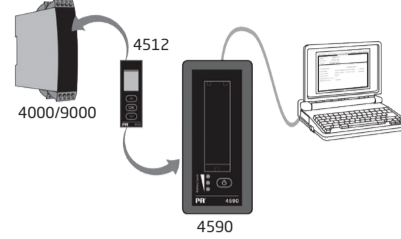


- DK** **RJ45 Modbus stik**
Terminal 5: RS485 linie A
Terminal 4: RS485 linie B
Terminal 8: RS485 GND og skjærm
- UK** **RJ45 Modbus Connector**
Pin 5: RS485 A line
Pin 4: RS485 B line
Pin 8: RS485 GND and shield
- FR** **Connecteur Modbus RJ45**
Borne 5: RS485 ligne A
Borne 4: RS485 ligne B
Borne 8: RS485 terre et écran
- DE** **RJ45 Modbus Connector**
Terminal 5: RS485 Linie A
Terminal 4: RS485 Linie B
Terminal 8: RS485 Erde und Schirm

- DK** Tilslutning af ConfigMate 4590 til et PR 4000 eller 9000 modul vha. 4512 Bluetooth kommunikations-interface til overførsel af loggede data til en pc.
- UK** Connection of ConfigMate 4590 to a PR 4000 or 9000 device using the 4512 Bluetooth communication enabler for transfer of logged data to a PC.
- FR** Connexion d'un ConfigMate 4590 à un appareil PR 4000 ou 9000 en utilisant l'interface de communication Bluetooth 4512 pour le transfert de données enregistrées vers un PC.
- DE** Anschluss des ConfigMate 4590 an ein Gerät der 4000er- oder 9000er-Serie, die über die Bluetooth Kommunikationsschnittstelle 4512 konfiguriert werden.



EU DECLARATION OF CONFORMITY
(4510_4511DoC_104)



As manufacturer
PR electronics A/S, Lerbakken 10, DK-8410 Rønde
hereby declares that the following products:
Type: 4510 - 4511
Name: Display / programming front - Modbus communication enabler
From serial no.: 221207001
are in conformity with the following directives and standards:
The EMC Directive 2014/30/EU and later amendments
EN 61326-1 : 2013
Immunity test requirements for equipment intended to be used in an industrial electromagnetic environment. For specification of the acceptable EMC performance level, refer to the electrical specifications for the device.
*The Low Voltage 2014/35/EU Directive and later amendments
EN 61010-1 : 2010 + A1 : 2019
The ATEX Directive 2014/34/EU and later amendments
EN IEC 60079-0 : 2018 and EN 60079-7 : 2015 + A1 : 2018
ATEX certificate: DEKRA 13ATEX0098 X
ATEX notified body (type approval)
DEKRA Certification B.V.
Meander 1051, 6825 MJ Arnhem
P.O. Box 5185, 6802 ED Arnhem
The Netherlands
The RoHS2 Directive 2011/65/EU and later amendments
EN IEC 63000 : 2018
Notified body 0344
DEKRA Certification B.V.
Meander 1051, 6825 MJ Arnhem
P.O. Box 5185, 6802 ED Arnhem
The Netherlands
This declaration of conformity is issued under the sole responsibility of the manufacturer.
Stig Lindemann, CTO
Manufacturer's signature
Rønde, 19 April 2022
*Does not apply to 4510.

EU DECLARATION OF CONFORMITY
(4512DoC_102)



As manufacturer
PR electronics A/S, Lerbakken 10, DK-8410 Rønde
hereby declares that the following products:
Type: 4512
Name: Bluetooth communication enabler
From serial no.: 221025240
is in conformity with the following directives and standards:
The EMC Directive 2014/30/EU and later amendments
EN 61326-1 : 2013
Immunity test requirements for equipment intended to be used in an industrial electromagnetic environment. For specification of the acceptable EMC performance level, refer to the electrical specifications for the device.
The ATEX Directive 2014/34/EU and later amendments
EN IEC 60079-0 : 2018 and EN 60079-7 : 2015 + A1 : 2018
ATEX certificate: DEKRA 13ATEX0098 X
ATEX notified body (type approval)
DEKRA Certification B.V.
Meander 1051, 6825 MJ Arnhem
P.O. Box 5185, 6802 ED Arnhem
The Netherlands
The Radio Equipment Directive (RED) 2014/53/EU and later amendments
EN 300328 V2.2.2 : 2016 and EN 300440 V2.1.1 : 2017
The RoHS2 Directive 2011/65/EU and later amendments
EN IEC 63000 : 2018
Notified body 0344
DEKRA Certification B.V.
Meander 1051, 6825 MJ Arnhem
P.O. Box 5185, 6802 ED Arnhem
The Netherlands
This declaration of conformity is issued under the sole responsibility of the manufacturer.
Stig Lindemann, CTO
Manufacturer's signature
Rønde, 25 May 2022

UKCA DECLARATION OF CONFORMITY
(4510_4511DoC_UKCA_100)



As manufacturer
PR electronics A/S, Lerbakken 10, DK-8410 Rønde
hereby declares that the following products:
Type: 4510 - 4511
Name: Display / programming front - Modbus communication enabler
From serial no.: 221207001
are in conformity with the following statutory requirements:
The Electromagnetic Compatibility Regulations 2016 (UK SI 2010/1091) and later amendments
EN 61326-1 : 2013
Immunity test requirements for equipment intended to be used in an industrial electromagnetic environment. For specification of the acceptable EMC performance level, refer to the electrical specifications for the device.
*The Electrical Equipment (Safety) Regulations 2016 (UK SI 2010/1101) and later amendments
EN 61010-1 : 2010 + A1 : 2019
The Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres Regulations 2016 (UK SI 2016/1107) and later amendments
EN 60079-0 : 2018 and EN 60079-7 : 2015 + A1 : 2018
UK type examination certificate: DEK 21UKEX0167X
The Radio Equipment Regulations 2017 (UK SI 2017/1206) and later amendments
EN 300328 V2.2.2 : 2016 and EN 300440 V2.1.1 : 2017
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK SI 2010/3032) and later amendments
EN IEC 63000 : 2018
This declaration of conformity is issued under the sole responsibility of the manufacturer.
Stig Lindemann, CTO
Manufacturer's signature
Rønde, 30 May 2024
*Does not apply to 4510.

UKCA DECLARATION OF CONFORMITY
(4512DoC_UKCA_100)

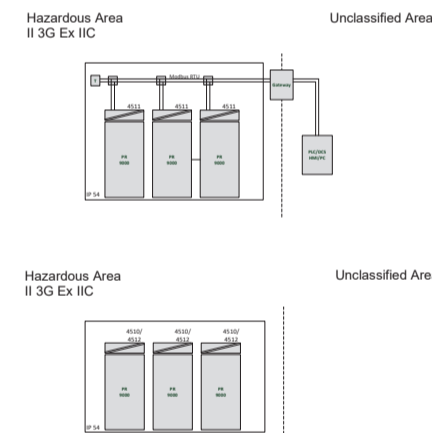


As manufacturer
PR electronics A/S, Lerbakken 10, DK-8410 Rønde
hereby declares that the following product:
Type: 4512
Name: Bluetooth communication enabler
From serial no.: 221025240
is in conformity with the following statutory requirements:
The Electromagnetic Compatibility Regulations 2016 (UK SI 2010/1091) and later amendments
EN 61326-1 : 2013
Immunity test requirements for equipment intended to be used in an industrial electromagnetic environment. For specification of the acceptable EMC performance level, refer to the electrical specifications for the device.
The Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres Regulations 2016 (UK SI 2016/1107) and later amendments
EN 60079-0 : 2018 and EN 60079-7 : 2015 + A1 : 2018
UK type examination certificate: DEK 21UKEX0167X
The Radio Equipment Regulations 2017 (UK SI 2017/1206) and later amendments
EN 300328 V2.2.2 : 2016 and EN 300440 V2.1.1 : 2017
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK SI 2010/3032) and later amendments
EN IEC 63000 : 2018
This declaration of conformity is issued under the sole responsibility of the manufacturer.
Stig Lindemann, CTO
Manufacturer's signature
Rønde, 30 May 2024

ATEX/UKEX Installation drawing
4500QA01-V2R0

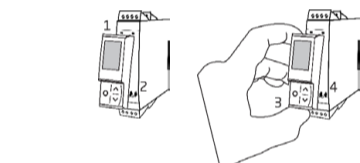
Ex Certificates: **DEKRA 13ATEX0098 X**
DEKRA 21UKEX0167X
Standards: **EN IEC 60079-0**
EN 60079-7
Marking: **II 3G Ex ec IIC T5**
Temperature range: **-20°C ≤ Ta ≤ +60°C**

ATEX/UKEX Installation Instructions
For safe installation of the 4500 series of products the following must be observed.



General installation instructions

Year of manufacture can be taken from the first two digits in the serial number. For safe Ex installation the following must be observed: The device must be installed by qualified personnel who are familiar with the national and international laws, directives and standards that apply to this area. To prevent ignition of the explosive atmospheres do not separate connectors when energized and an explosive gas mixture is present. To avoid the risk of explosion due to electrostatic charging of the enclosure, do not handle the units unless the area is known to be safe, or appropriate safety measures are taken to avoid electrostatic discharge.



- Mounting of PR 4500 communications interface:
1. Insert the tabs of the PR 4500 into the slots at the top of the device.
 2. Hinge the PR 4500 down until it snaps into place.
- Demounting of the PR 4500 communication interfaces:
3. Push the release button on the bottom of the PR 4500 and hinge the PR 4500 out and up.
 4. With the PR 4500 hinged up, remove from the slots at the top of the device.

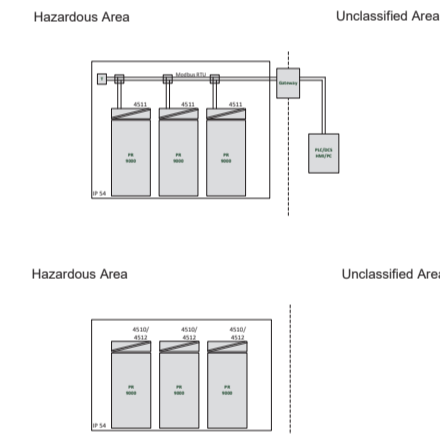
Specific Conditions of Use

- The equipment shall only be used in an area of not more than pollution degree 2, as defined in EN IEC 60664-1.
- The devices must be installed in a suitable enclosure providing a degree of protection of at least IP54 according to EN IEC 60079-0, taking into account the environmental conditions under which the equipment will be used.
- Transient protection shall be provided that is set at a level not exceeding 140% of the peak rated voltage value at the supply terminals to the equipment.

IECEx Installation drawing
4500QI01-V2R0

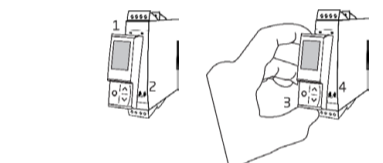
Ex Certificates: **IECEx DEK 13.0026X**
Standards: **IEC 60079-0**
IEC 60079-7
Marking: **Ex ec IIC T5 Gc**
Temperature range: **-20°C ≤ Ta ≤ +60°C**

IECEx Installation Instructions
For safe installation of the 4500 series of products the following must be observed.



General installation instructions

Year of manufacture can be taken from the first two digits in the serial number. For safe Ex installation the following must be observed: The device must be installed by qualified personnel who are familiar with the national and international laws, directives and standards that apply to this area. To prevent ignition of the explosive atmospheres do not separate connectors when energized and an explosive gas mixture is present. To avoid the risk of explosion due to electrostatic charging of the enclosure, do not handle the units unless the area is known to be safe, or appropriate safety measures are taken to avoid electrostatic discharge.



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1. Insert the tabs of the PR 4500 into the slots at the top of the device.
 2. Hinge the PR 4500 down until it snaps into place.
- Demounting of the PR 4500 communication interfaces:
3. Push the release button on the bottom of the PR 4500 and hinge the PR 4500 out and up.
 4. With the PR 4500 hinged up, remove from the slots at the top of the device.

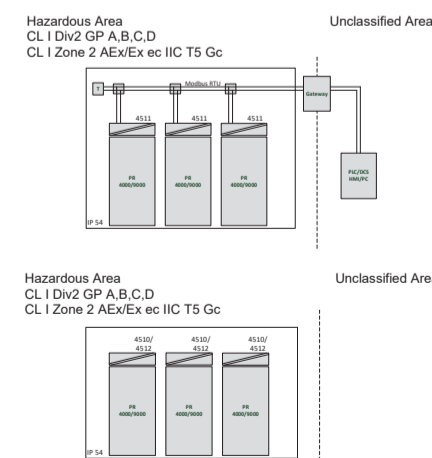
Specific Conditions of Use

- The equipment shall only be used in an area of not more than pollution degree 2, as defined in EN IEC 60664-1.
- The devices must be installed in a suitable enclosure providing a degree of protection of at least IP54 according to EN IEC 60079-0, taking into account the environmental conditions under which the equipment will be used.
- Transient protection shall be provided that is set at a level not exceeding 140% of the peak rated voltage value at the supply terminals to the equipment.

FM Installation drawing
4500QF01-V1R0

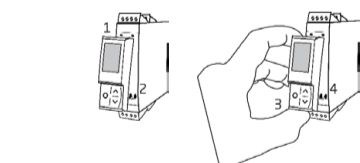
FM Certificates: **FM22US0014X**
FM22CA0009X
Standards: **See Certificate**
Marking: **CL I Div 2 GP A,B,C,D T5**
CL I Zone 2 AEx/Ex ec IIC T5 Gc
Temperature range: **-20°C ≤ Ta ≤ +60°C**

AEx/Ex ec Installation Instructions
For safe installation of the 4500 series of products the following must be observed.



General installation instructions

Year of manufacture can be taken from the first two digits in the serial number. For safe Ex installation the following must be observed: The device must be installed by qualified personnel who are familiar with the national and international laws, directives and standards that apply to this area. To prevent ignition of the explosive atmospheres do not separate connectors when energized and an explosive gas mixture is present. To avoid the risk of explosion due to electrostatic charging of the enclosure, do not handle the units unless the area is known to be safe, or appropriate safety measures are taken to avoid electrostatic discharge.



- Mounting of PR 4500 communications interface:
1. Insert the tabs of the PR 4500 into the slots at the top of the device.
 2. Hinge the PR 4500 down until it snaps into place.
- Demounting of the PR 4500 communication interfaces:
3. Push the release button on the bottom of the PR 4500 and hinge the PR 4500 out and up.
 4. With the PR 4500 hinged up, remove from the slots at the top of the device.

Specific Conditions of Use

- Class 1, Division 2**
In Class 1, Division 2 installations, the subject equipment shall be mounted within a tool-secured enclosure which is capable of accepting one or more of the Class 1, Division 2 wiring methods specified in the National NEC or CEC.
- Class 1, Zone 2**
- The equipment shall be installed within an enclosure that provides a minimum ingress protection of IP54 in accordance with ANSI/UL 60079-0 or CSA C22.2 No. 60079-0.
 - The equipment shall only be used in an area of at least pollution degree 2, as defined in IEC 60664-1.
 - Transient protection shall be provided that is set at a level not exceeding 140% of the peak rated voltage value at the supply terminals to the equipment.