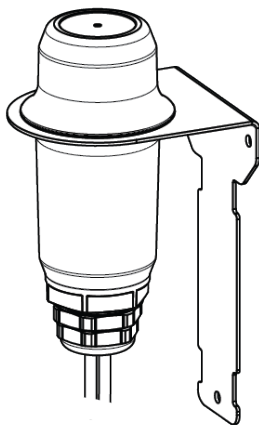


## Anybus<sup>®</sup> Wireless Bolt<sup>™</sup>

Base Protector and Bracket

### STARTUP GUIDE

SP2911 1.1 en-US ENGLISH



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# Important User Information

## Disclaimer

The information in this document is for informational purposes only. Please inform HMS Networks of any inaccuracies or omissions found in this document. HMS Networks disclaims any responsibility or liability for any errors that may appear in this document.

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# 1 Preface

## 1.1 About This Document

This guide describes the installation of the Bolt Base Protector and Bolt Bracket.

## 1.2 Document Conventions

Numbered lists indicate tasks that should be carried out in sequence:

1. First do this
2. Then do this

Bulleted lists are used for:

- Tasks that can be carried out in any order
- Itemized information
- ▶ An action  
→ and a result

**User interaction elements** (buttons etc.) are indicated with bold text.

Program code and script examples

Cross-reference within this document: [Document Conventions, p. 3](#)

External link (URL): [www.hms-networks.com](http://www.hms-networks.com)



### **WARNING**

Instruction that must be followed to avoid a risk of death or serious injury.



### **Caution**

Instruction that must be followed to avoid a risk of personal injury.



Instruction that must be followed to avoid a risk of reduced functionality and/or damage to the equipment, or to avoid a network security risk.



*Additional information which may facilitate installation and/or operation.*

## 1.3 Trademarks

Anybus® is a registered trademark of HMS Networks AB.

All other trademarks are the property of their respective holders.

## 2 Safety



Use a power supply cable and a network cable with a proper round shape, for the cable gland splitted sealing insert to seal properly around the cables.



Ensure that the cables are properly secured to the cable gland, to avoid a pulling force on the cables.



When disassembling the cable gland parts and the cable gland sealing insert, ensure there is no twisting motion on the cables.

## 3 Preparation

### 3.1 Included in the Box

#### Bolt Base Protector

Item	Pieces
Bolt Base Protector	1
O-ring	1
Cable gland	1
Cable gland o-ring	1
Cable gland splitted sealing insert For 2 cables.	1
Blind plug Used to seal unused hole in the Cable gland splitted sealing insert.	1

#### Bolt Bracket

Item	Pieces
Bolt Bracket	1
Screw	3
Screw anchors	3
Stainless steel slim clamps for pole mount	2

### 3.2 Cabling

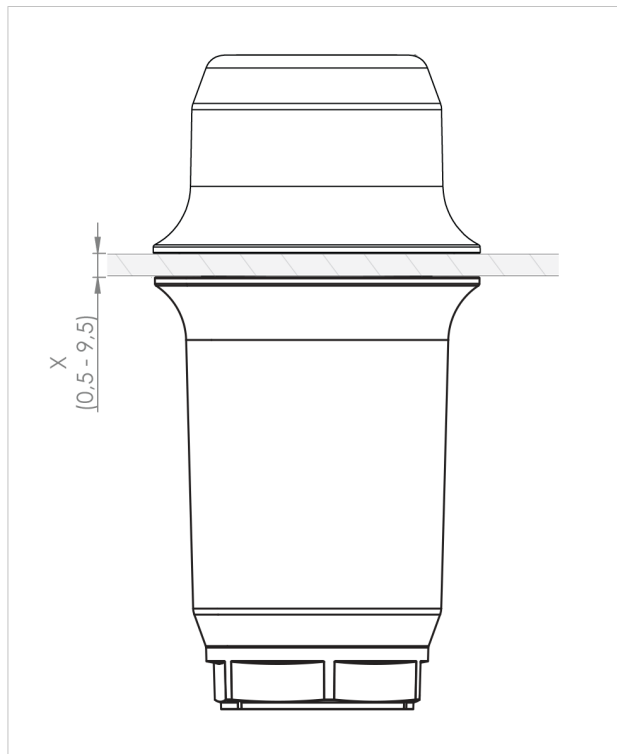


Use a power supply cable and a network cable with a proper round shape, for the cable gland splitted sealing insert to seal properly around the cables.

Cable diameter: 6 ±0.2 mm.

### 3.3 Mounting Surface

All measurements are in mm.



The thickness of the mounting surface must not exceed 10 mm.

## 3.4 Support and Resources

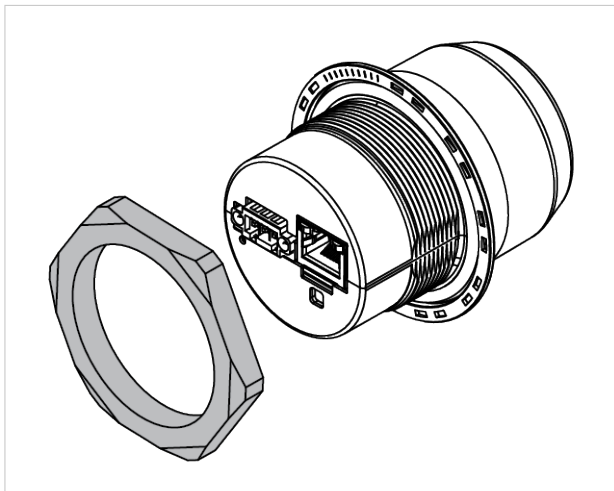
For information about how to install and configure the Bolt and for technical support, please visit [www.anybus.com/support](http://www.anybus.com/support).



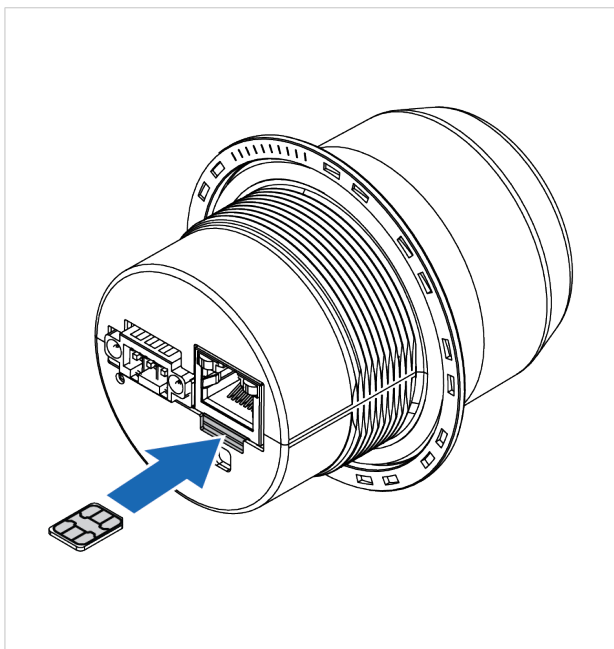
## 4 Base Protector Installation

### Procedure

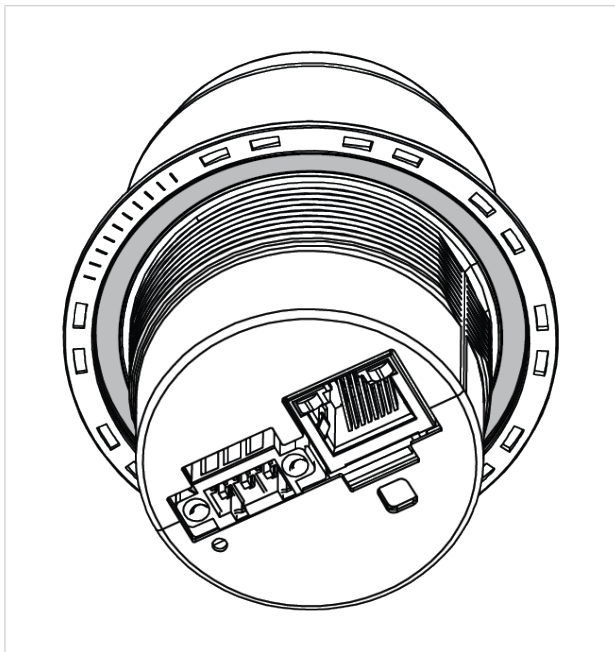
1. Unscrew and remove the Bolt lock nut.



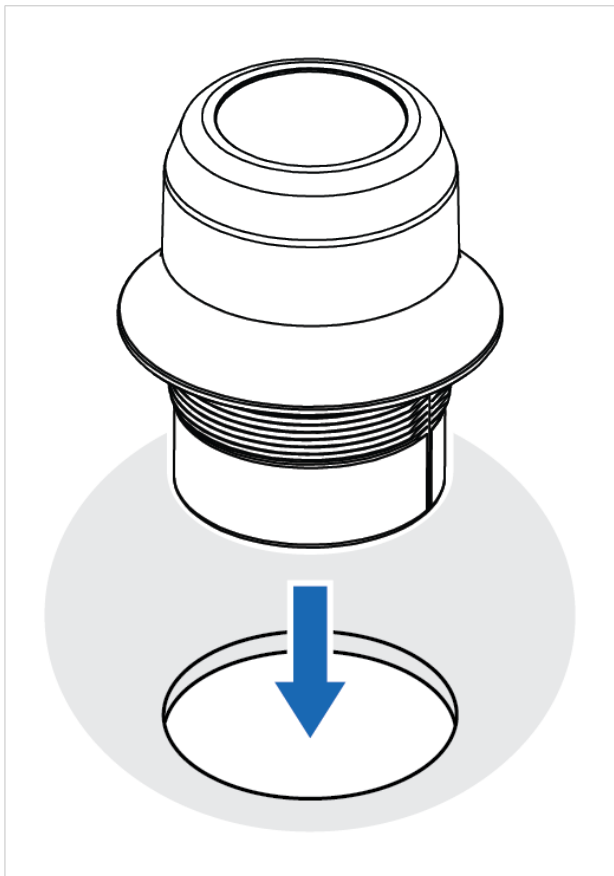
2. Optional step: Insert a SIM card into the **Bolt** SIM card holder.



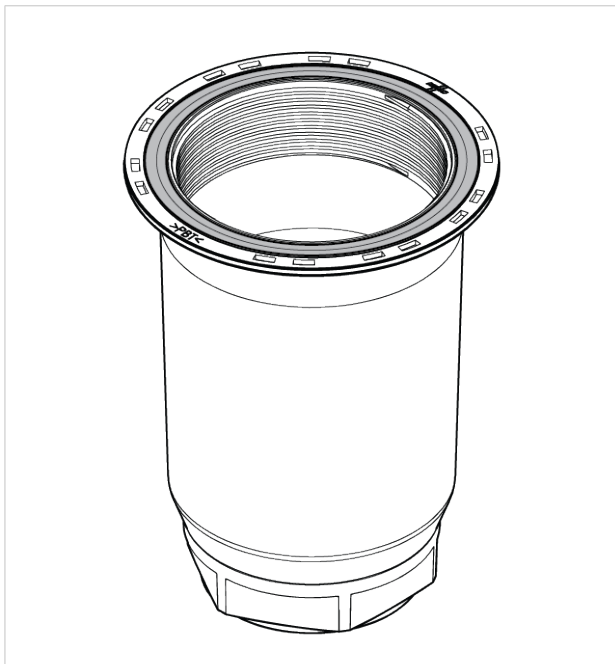
3. Ensure that the Bolt o-ring is correctly placed in the Bolt groove.



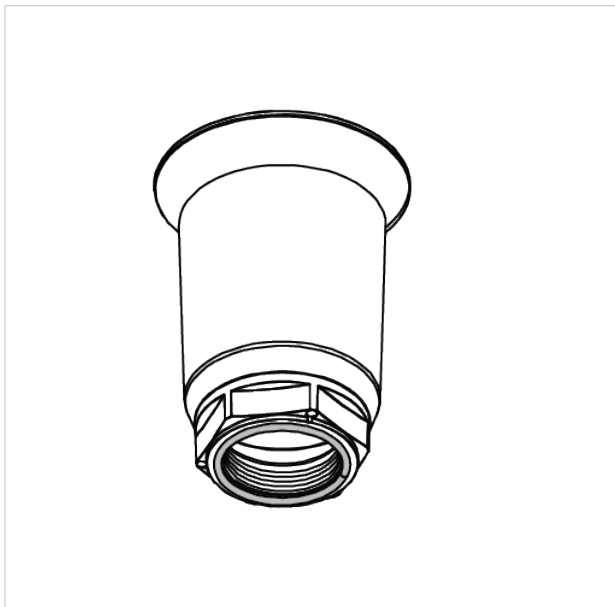
4. Place the Bolt in its mounting hole; in a surface or in the Bolt Bracket.



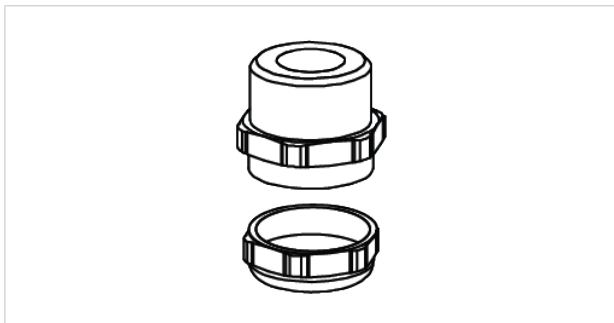
5. Attach the included o-ring to the Bolt Base Protector groove.



6. Attach the cable gland o-ring to the Bolt Base Protector bottom groove.



7. Unscrew the cable gland bottom from the cable gland top.



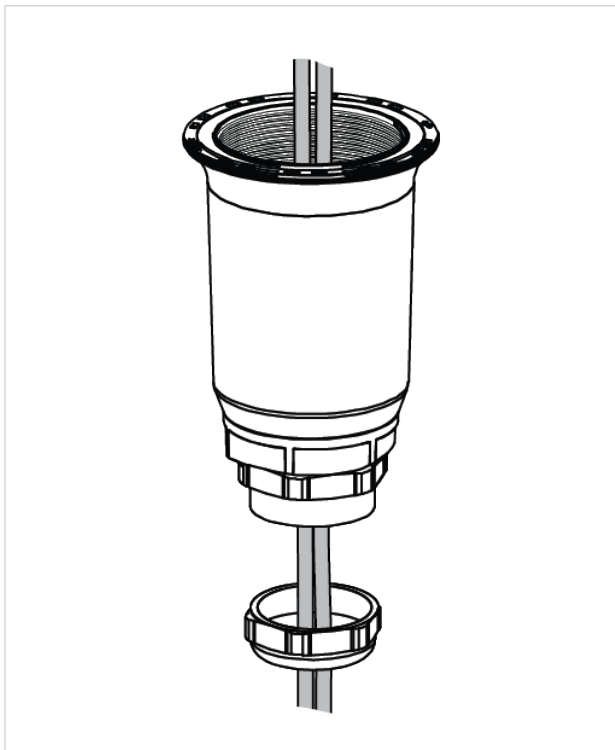
8. Attach the cable gland top to the Bolt Base Protector.

Tightening torque: 5 Nm



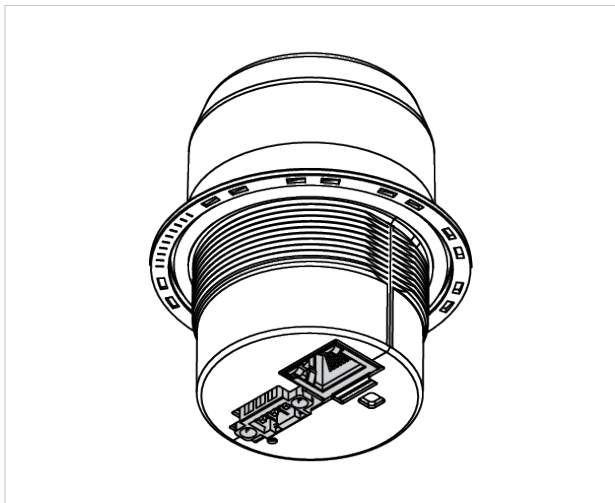


9. Pull the cables through the Bolt Base Protector and the cable gland parts.



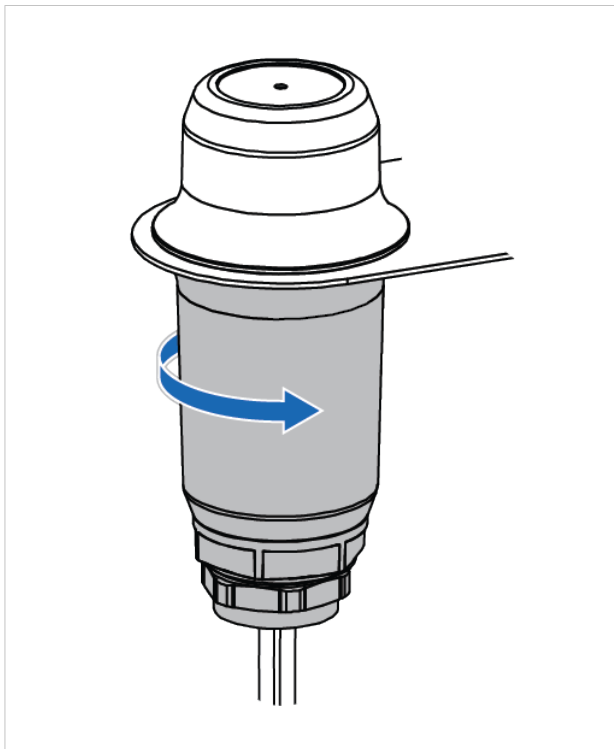
10. Connect the cables to the Bolt.

For information about the installation, refer to the Bolt Startup Guide.



11. Attach the Bolt Base Protector to the Bolt.

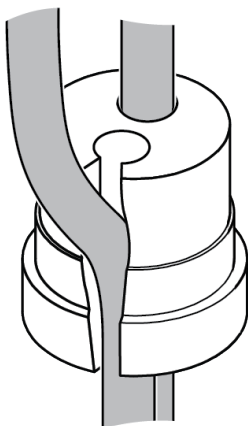
Tightening torque: 5 Nm



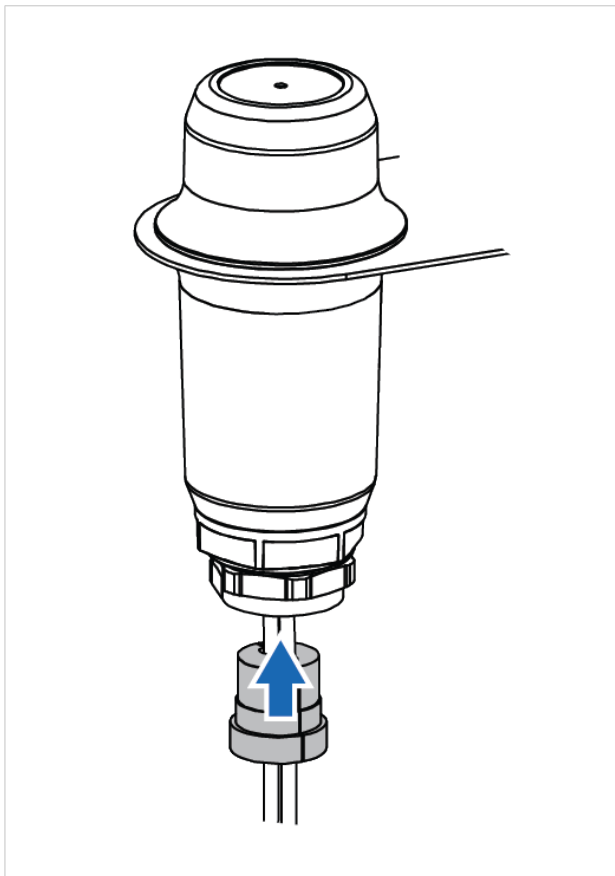
12. Open the slits and fit the cable gland sealing insert over the cables.



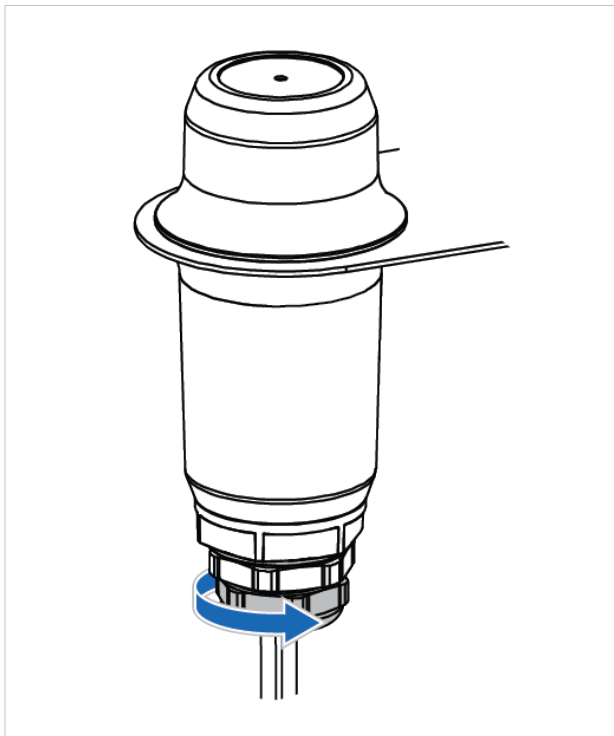
*If only one cable is used, ensure to seal the unused hole with the included blind plug.*



13. Attach the cable gland sealing insert to the cable gland top.



14. Attach the cable gland bottom to the cable gland top.  
Only hand-tighten.



15. Check that the cable gland parts, the cable gland sealing insert and the cables are properly secured.



Ensure that the cables are properly secured to the cable gland, to avoid a pulling force on the cables.

## 5 Disassemble



When disassembling the cable gland parts and the cable gland sealing insert, ensure there is no twisting motion on the cables.

When disassembling, follow the [Base Protector Installation](#) steps in the reverse order.

## 6 Bracket Pole Mounting



### Procedure

1. Position the two included stainless steel slim clamps and the Bolt Bracket on the pole as needed.
2. Tighten the stainless steel slim clamps to the pole and lock them by tightening the screws.

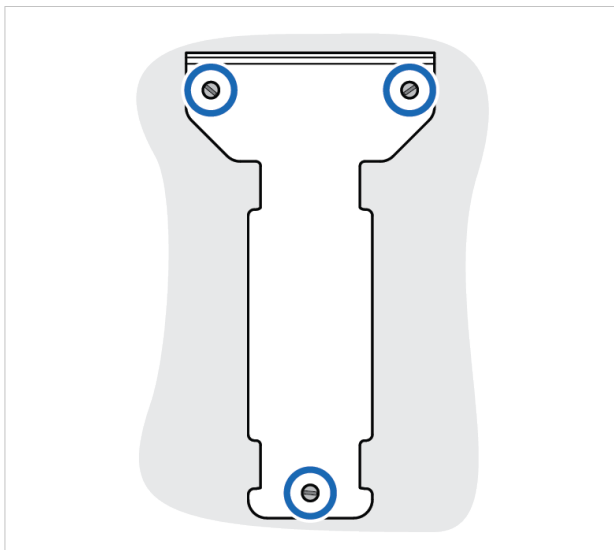


*Ensure that the Bolt Bracket is firmly secured to the pole.*

3. Remove any excess material from the stainless steel slim clamps.



## 7 Bracket Wall Mounting



### Procedure

1. Drill three holes in the wall and insert the included screw anchors.



*The included screw anchors are intended for use in concrete, stone or brick.*

Drill hole size:

- Diameter: 8 mm
  - Depth: 45 mm
2. Use the three included screws to attach the Bolt Bracket to the wall.



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