PORT 1.1

User and maintenance Manual v.1.2

Safety Instructions

Always read the safety instructions carefully

- Keep this User's Manual for future reference
- Keep this equipment away from humidity
- If any of the following situation arises, get the equipment checked by a service technician:
  - The equipment has been exposed to moisture.
  - The equipment has been dropped and damaged.
  - The equipment has obvious sign of breakage.
  - The equipment has not been working well or you cannot get it work according to User's Manual.

Copyright Statement

Disclaimer

Information in this document is subject to change without notice. The manufacturer does not make any representations or warranties (implied or otherwise) regarding the accuracy and completeness of this document and shall in no event be liable for any loss of profit or any commercial damage, including but not limited to special, incidental, consequential, or other damage.

Maintenance and troubleshooting

Software update and troubleshooting has to be executed only by Schindler qualified operators.

No manipulation of the Terminal are allowed by no qualified Schindler operator.

Index:

1 Introduction

This document is a general description of the PORT device; type PORT 1.1.
(**PORT: P**ersonal **O**ccupant **R**equirement **T**erminal)

1.1 Application

When you are committed to providing continuous service to a building's occupants as they go about their business, it is essential to have a consistent method of communicating with them. The extraordinary new PORT system can provide a whole range of command and communication functions from a wide variety of locations. Functions that utilize a standard hardware design which is as reliable as it is elegant and which can be easily customized to suit the most demanding architectural specifications.

1.2 Features

The PORT features a brilliant, crisp, color touch screen which is dynamically reconfigurable to suit the situation. The screen adjusts automatically to different ambient light levels and the on-board people detector ensures that when it is not needed it is turned off to save energy.
The PORT also incorporates a card reader with a highly-attractive illumination system to communicate status.

1.3 Functionalities

The PORT device is used to control domotic system in a group or not. The system is used to get domotic system call from the user an then it dispatches them to get the most efficient domotic system to the user.
It means the system is used to optimize the domotic system traffic.
The system is also used, together with the domotic system, to give access to the building or building floor.
In few words, the PORT is a user interface for the domotic system and access control build in a new technology way that use touch screen, Color display and identification over Card reader.

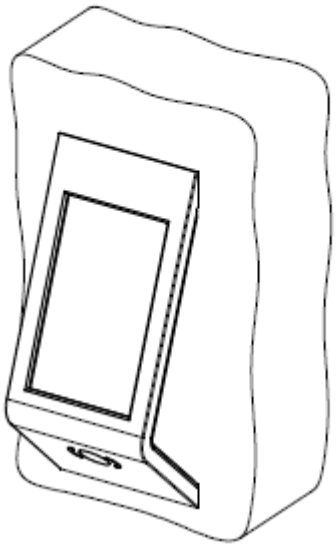
1.4 Package contents

1 x PORT1.1 Terminal complete of integrated Card Reader
1 x Small user and maintenance manual (this manual)
1 x Ethernet cable
1 x Wall mounted fixing kit
1 x Opening tool

2 Installation

1. Overview

1.1 Installed PORT Wallmount

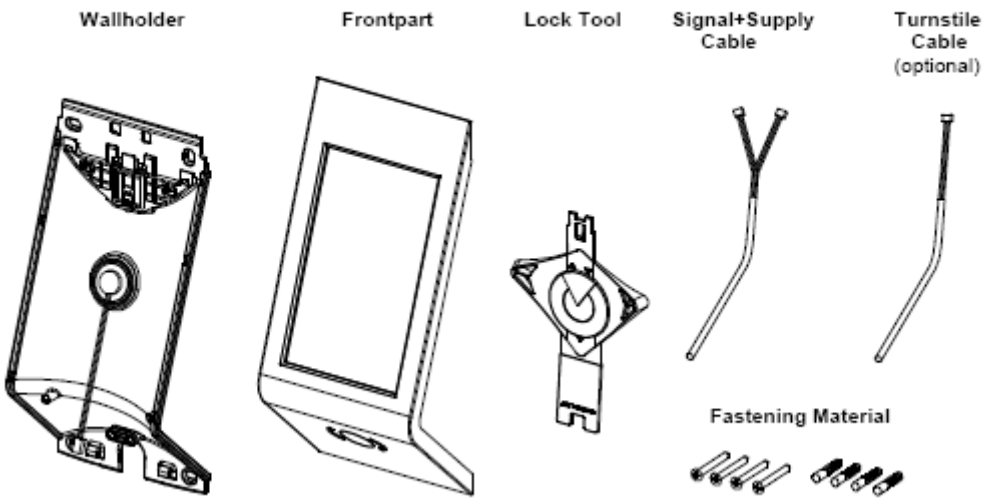


Procedure:

1) Wallholder Installation
2) Connect Wires
3) Place Frontpart to Wallholder
4) Lock the Frontpart

For Pedestal Installation see J 41900891

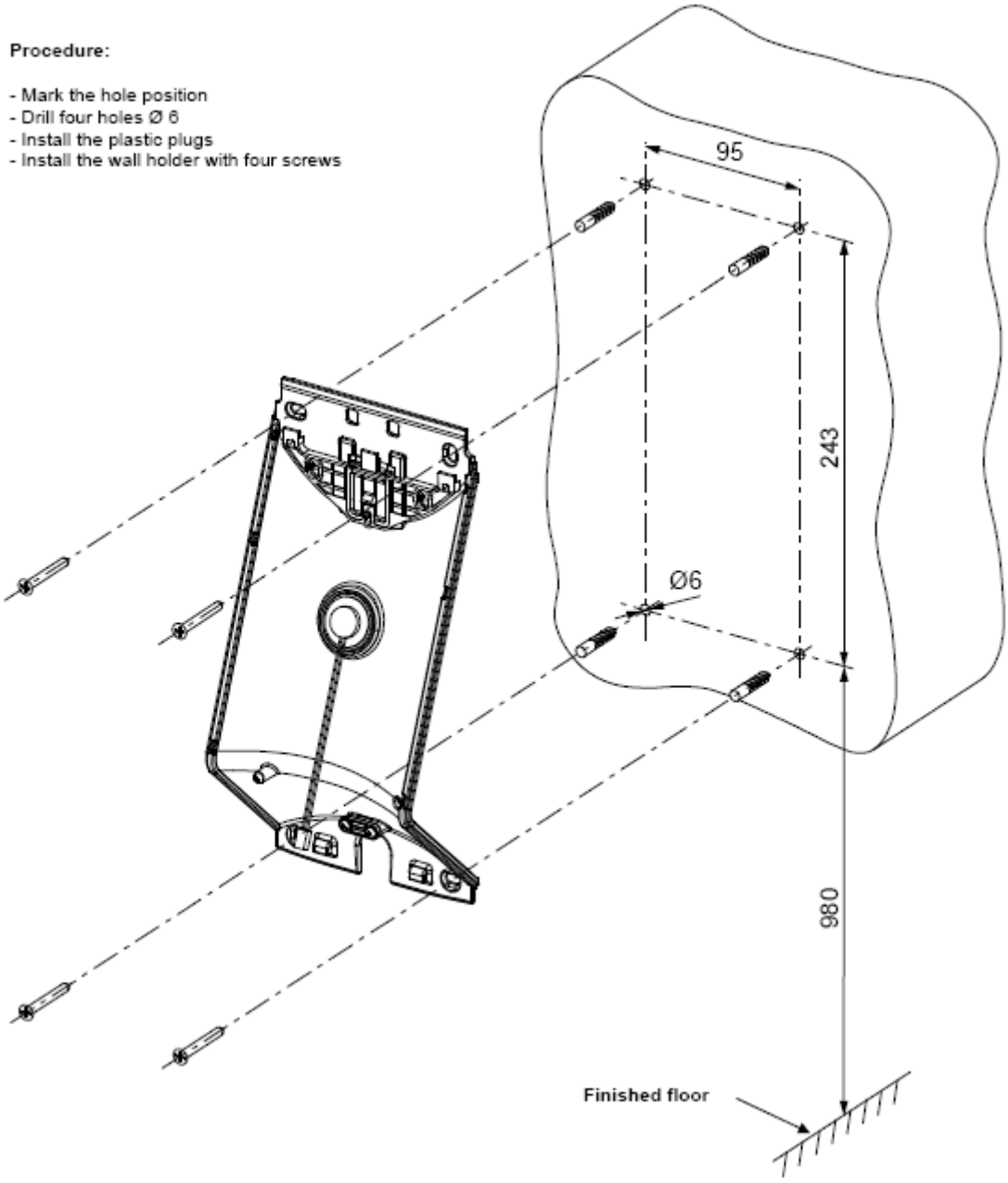
1.2 Scope of Supply



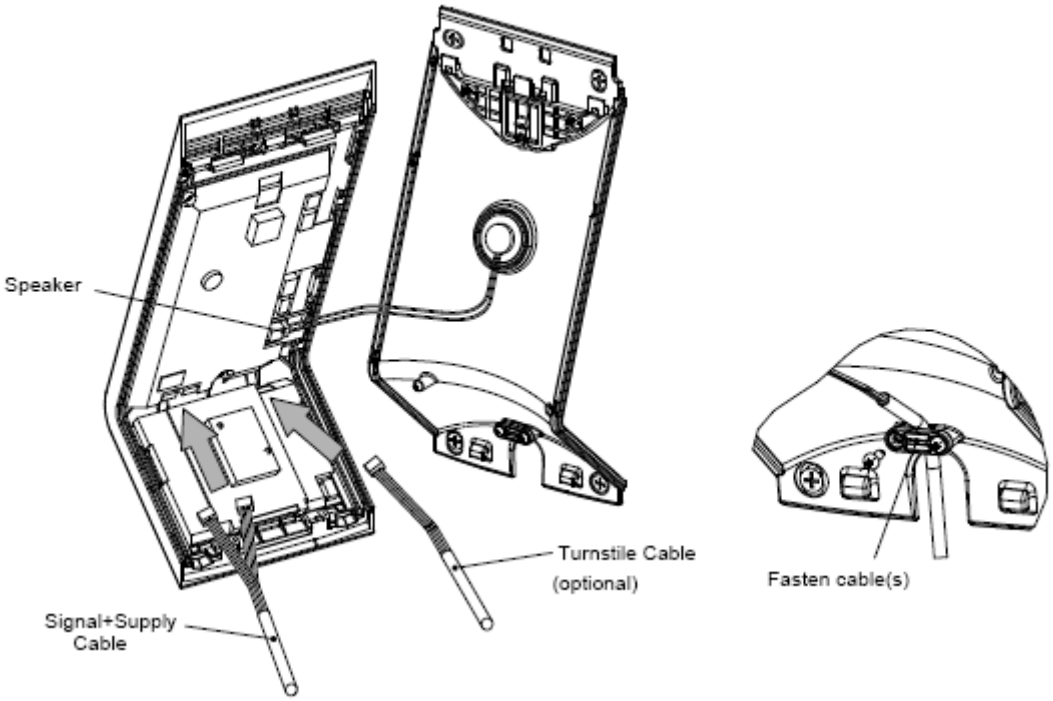
2. Wallholder Installation

Procedure:

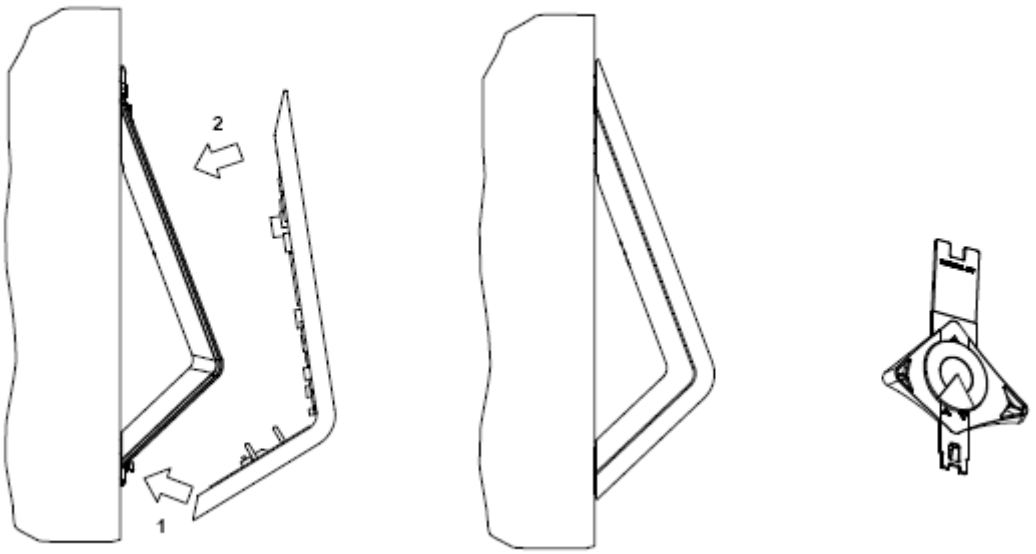
- Mark the hole position
- Drill four holes Ø 6
- Install the plastic plugs
- Install the wall holder with four screws



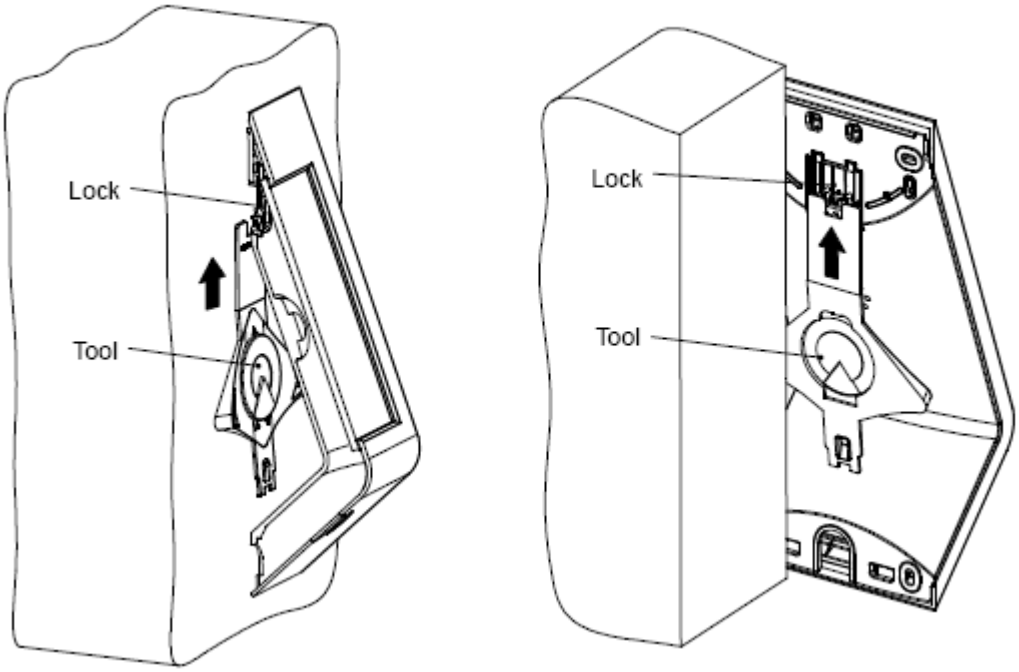
3. Connect the Wires



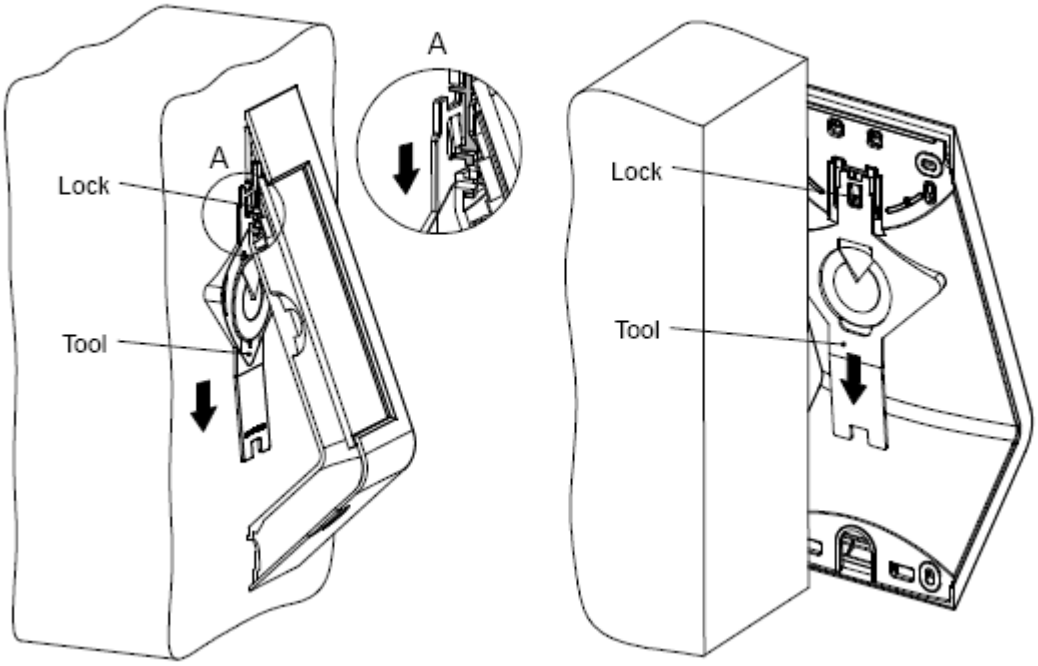
4. Place Frontpart to Backpart



5. **Lock the Frontpart**



6. **Unlock the Frontpart (for Maintenance only)**



3 Characteristics:

3.1 Port 1.1 characteristics:

Picture	Characteristics

Name	PORT 1.1
Power Supply	PoE (IEEE 802.3af) or 24 VDC 24VDC 48VDC (PoE)
Screen	7.4", 480x800 pixel TFT w. resistive touch panel
Backlight	LED's with adaptation to ambi-ent light and standby mode
CPU	ARM9, 200 MHz
Operating system	Linux
Storage Media	Solid state disk (FLASH)
Standby modus	yes
Card Reader	13,56 MHz Card reader
Audio Output	1W

4 Power Supply, Communication connection:

Power supply	Power supply Input	Communication ETH
24 VDC +/- 10% 5 W	connector ***24VDC IN*** Pin1 **+** Pin 2, Pin 3 **-**	connector ***ETH-A*** connector ***ETH-B***
48 VDC +/- 10% 5 W	connector ***ETH-A*** connector ***ETH-B***	connector ***ETH-A*** connector ***ETH-B***

Damage danger: Never connect both power supplies on the same board!

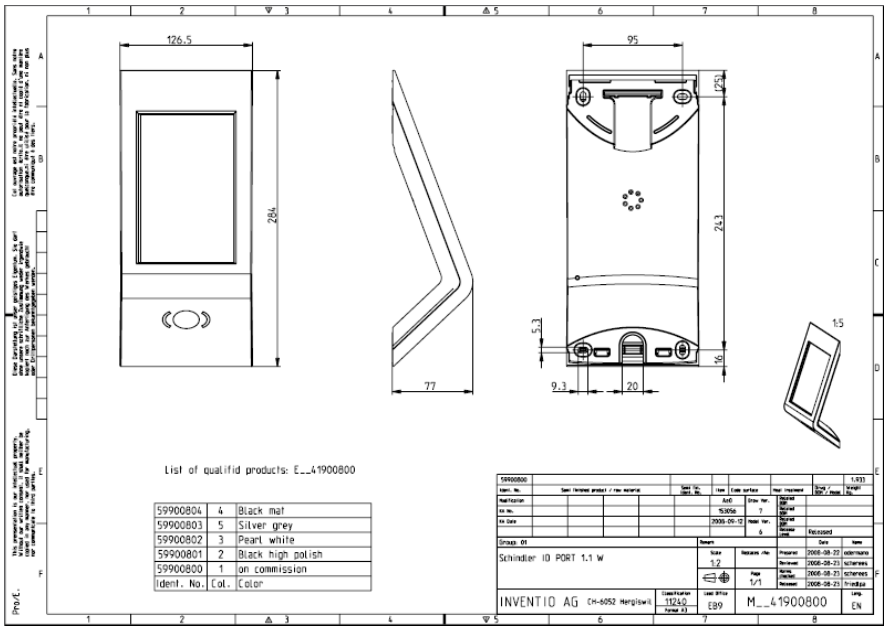
5 Operating conditions:

Humidity:	max 90 %
Operating Temperature	0- 60°C
Storage temperature	-40 – 85 °C

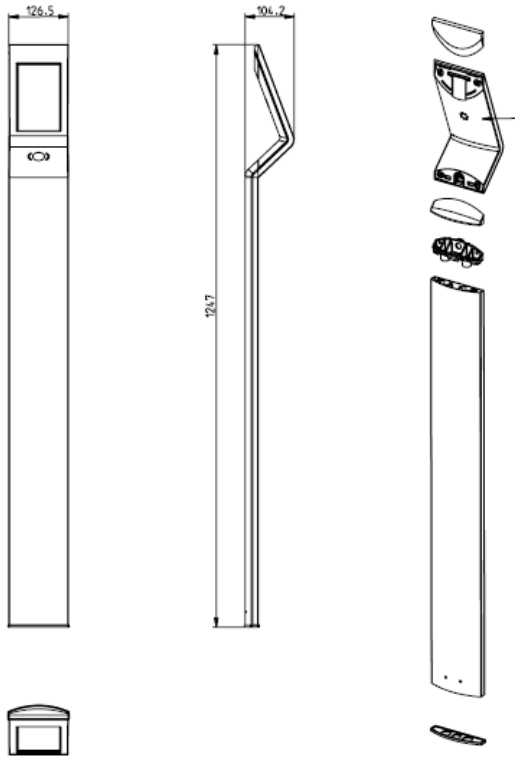
Damage danger: Do not exceed these limits. Operating failure could occurs!

6 Mechanics and construction:

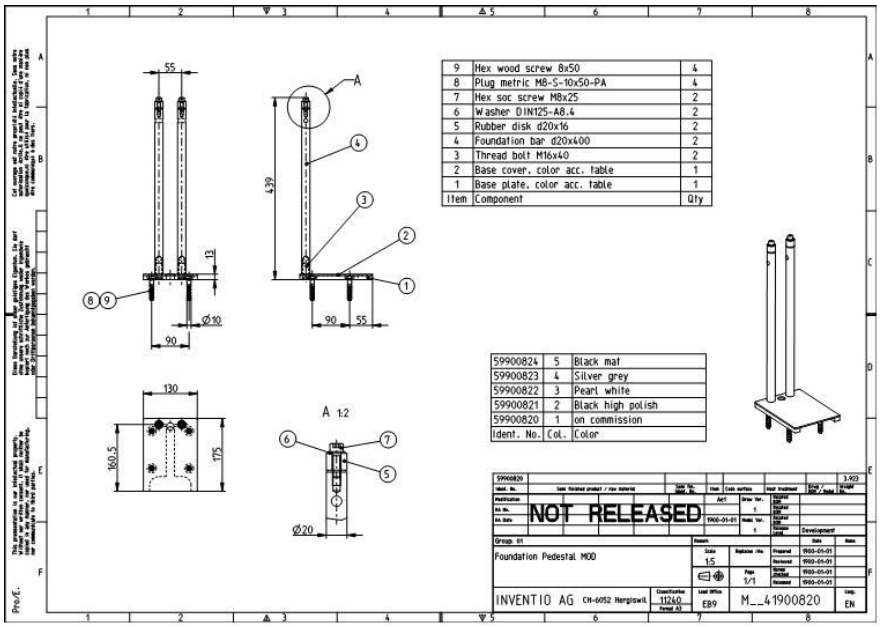
PORT 1.1 mechanical drawing:



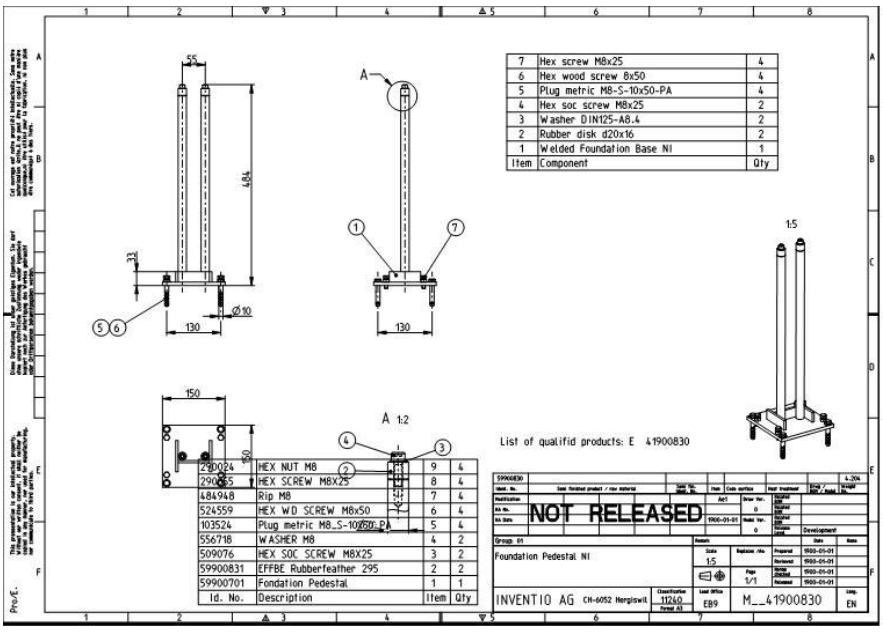
PORT 1.1 mounted on the pedestal (Aluminum)



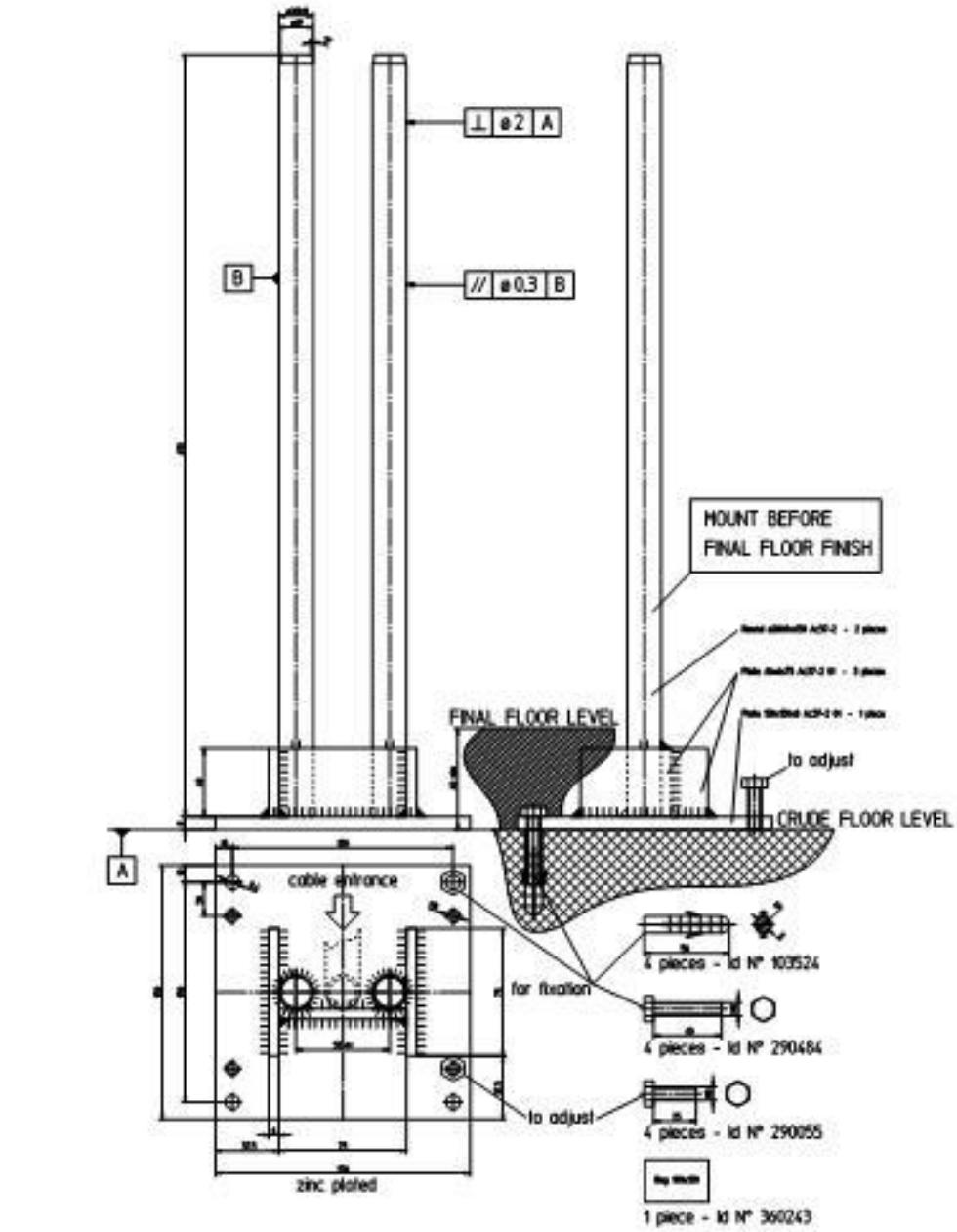
PORT 1.1 foundation pedestal MOD:

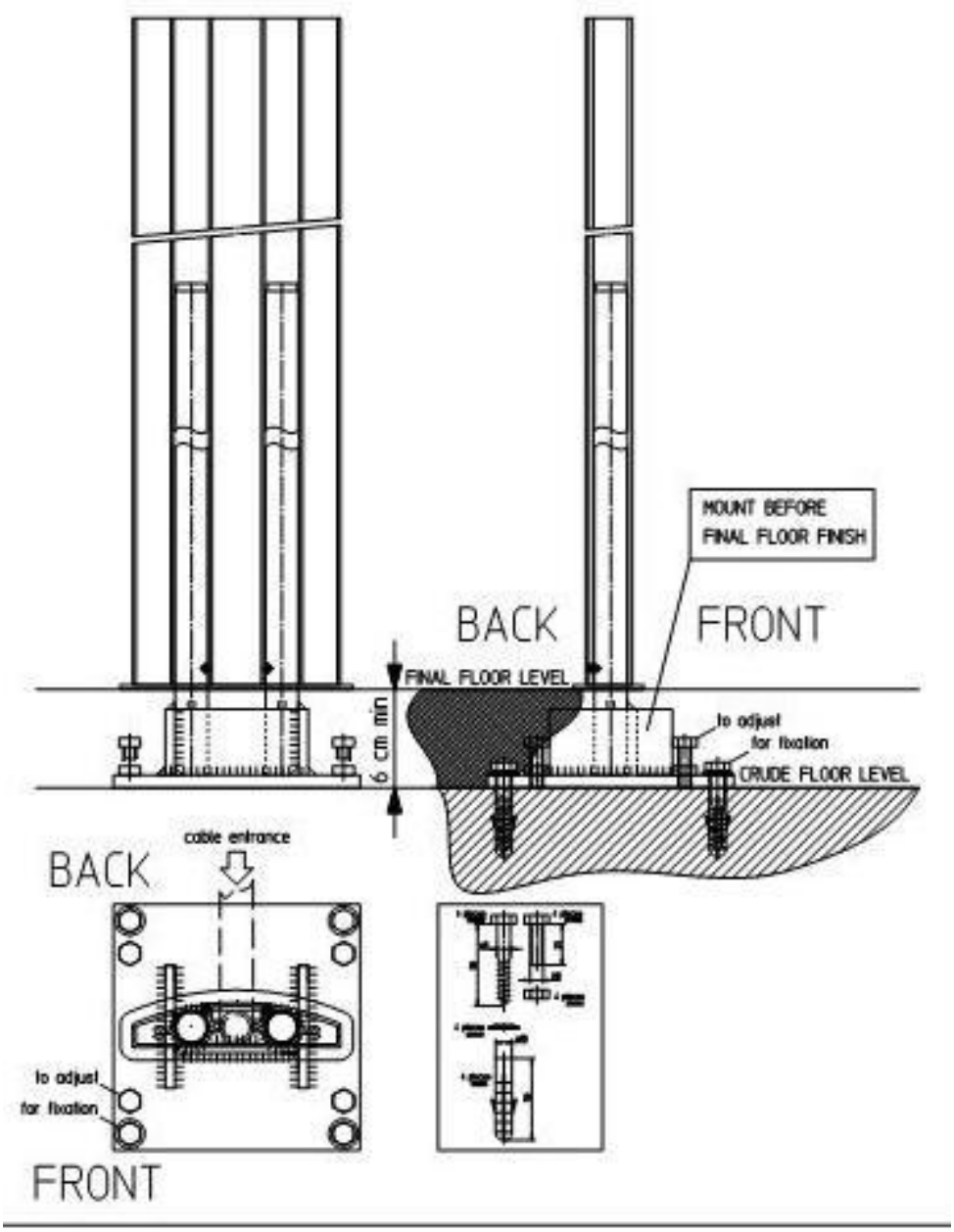


PORT 1.1 foundation pedestal NI



PORT 1.1 foundation pedestal mounting instructions





MOUNTING INSTRUCTIONS

7 Regulatory Compliance

7.1 EMC and safety compliance

APPLICABLE DOCUMENTS

EN 301 489-3 V 1.4.1 (2002)	"Electromagnetic Compatibility and Radium spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific condition for Short-Range devices (SRD) operating on frequencies between 9kHz and 40 GHz".
EN 301 489-1 V 1.8.1 (2008)	"Electromagnetic Compatibility and Radium spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements".

Applicable Standards for method and procedure

EN 55022 (2006)	"Limits and methods of measurement of radio disturbance characteristics of information technology equipment".
EN 55016-2-3 (2004)	"Specification for radio disturbance and immunity measuring apparatus and mrthods – Part 2-3: Methods of measurement of disturbances and immunity – Radiated disturbance measurements".
EN 61000-4-2 (2001)	"Electromagnetic Compatibility - Part 4: Testing and measurement techniques - Section 2: Electrostatic discharge immunity test - Basic EMC Publication."
EN 61000-4-4 (2004)	"Electromagnetic compatibility - Part 4: Testing and measurement techniques - Section 4: Electrical fast transient/burst immunity test - Basic EMC publication."
EN 61000-4-3 (2006)	"Electromagnetic compatibility - Part 4: Testing and measurement techniques - Section 3: Radiated, radio-frequency, electromagnetic field immunity test."
EN 61000-4-6 (2007)	"Electromagnetic compatibility (EMC) – Part 4: Testing and measurement techniques – Section 6: Conduced, radio-frequency, electromagnetic field immunity test"
CISPR 22 (2003)	"Limits and methods of measurement of radio disturbance characteristics of information technology equipment".
IEC 61000-4-2 (2001)	"Electromagnetic Compatibility - Part 4: Testing and measurement techniques - Section 2: Electrostatic discharge immunity test - Basic EMC Publication."
IEC 61000-4-3 (2006)	"Electromagnetic compatibility - Part 4: Testing and measurement techniques - Section 3: Radiated, radio-frequency, electromagnetic field immunity test."
IEC 61000-4-4 (2004)	"Electromagnetic compatibility - Part 4: Testing and measurement techniques - Section 4: Electrical fast transient/burst immunity test - Basic EMC publication."
IEC 61000-4-6 (2006)	"Electromagnetic compatibility (EMC) – Part 4: Testing and measurement techniques – Section 6: Conduced, radio-frequency, electromagnetic field immunity test"

This equipment has been tested and found to comply with the above rules.

Important! Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment. Use an approved phone set.

7.2 CE

CE 0051

European mark according to UE directives, Expert Opinion issued by:
Italian Institute IMQ SpA

A valid CE Marking affixed to a product indicates that it complies with the relevant European 'New Approach' product safety Directives.

7.3 CSA

C SA® US

Safety mark according to United States and Canadian standards issued by CSA International

CSA can test and certify products you are selling at home or exporting to the U.S.A. and Canada, eliminating the need for duplicate testing - saving you time and money. We test products to Canadian and U.S. standards and issue the CSA Mark for qualified products. CSA International can also test products to European and other national standards.

7.4 FCC

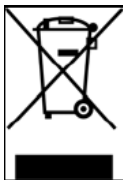
Label printed on product, refer to FCC Grantee Code:

FCC ID: XFIPORT11VER1

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. 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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

7.5 WEEE Information

For EU (European Union) member users: According to the WEEE (Waste electrical and electronic equipment) Directive, do not dispose of this product as household waste or commercial waste. Waste electrical and electronic equipment should be appropriately collected and recycled as required by practices established for your country. For information on recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.



7.6 RoHS Information

RoHS

RoHS, also known as Lead-Free, stands for Restriction of Hazardous Substances. RoHS Directive 2002/95/EC restricts the use of six hazardous materials found in electrical and electronic products. All applicable products in the EU market after July 1, 2006 must pass RoHS compliance. RoHS impacts the entire electronics industry.

8 Support and trouble shooting

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