

■ ■ wissner-
■ ■ bosserhoff

Functional elegance in nursing care



sentida 5-le | 6-le

Low nursing beds | light edition





sentida 5-le | 6-le

Economical low nursing beds

For the light edition of our sentida nursing home beds, we have focused on the essentials. High-class low nursing beds with convincing functionality and a high degree of economic efficiency. Nevertheless, we did not neglect our commitment to an excellent design. See it for yourself!



sentida 5-le | The homely one

- Movable at every bed height
- Castors: completely covered 50 mm castors
- Brakes: One pedal brake for each axle with 2-castor central braking system
- Height adjustment: 27 - 80 cm



sentida 6-le | The extra mobile one

- Full mobility
- Movable at every bed height
- Castors: 100, 125 or 150-mm easy-roll castors or 125-mm double or design castors
- Foot-end brake bar with 4-castor central braking system
- Height adjustment: 27 - 80 cm



The sentida living idea



The selection of materials and colors follows current, natural living trends. This way, a cozy, warm atmosphere, in which the resident feels safe and protected, is created.



Low nursing bed sentida 5-le in D10 design
Fig. on the left: Dx10 design with low foot section



Bedside cabinet vt 1



Décor Havana cherry



Wall color



Contrast color

The advantages sentida 5-le | 6-le



01

Patented SafeFree® side guard concept

Often imitated but never duplicated - our contribution for less restraint in agreement with the Werdenfels care pathway* and the Redufix** project

- Divided side guards, each adjustable in 4 different heights
- Use as standing-up aid for safe mobilization
- No middle post, no dangerous central gap

02

BiNetic patient surface with double retraction

Real pressure ulcer prevention - more than just a backrest in accordance with DBfK (German nurses association) recommendation.

- Your benefit: Reduction of pelvic compression as well as friction and shearing forces due to leg rest retraction by 6 cm
- Backrest retraction by 11 cm

03

Automatic night light function

Optionally, a night light can be integrated

- Helps the resident find their way at night
- More safety for the resident
- Simple power connection control
- Control via handset

04

Design handset

Improved and extended functionality

- 3 safety levels adjustable: Nursing, resident and safety mode
- Mobilization function
- Night light control
- Separate leg rest adjustment
- Play protection

sentida 6-le

on castors



Movability

- Optionally with 100 mm Decora, 125/150 mm "Cover Design" easy-roll castors or 125 mm "LINEA" double castors (see image)
- Easy transportation even outside the resident's room
- Central foot-end brake bar with integrated directional castor
- 4-castor central braking system

Height adjustment

- 27 - 80 cm with 100 mm easy-roll castors
- 29.5 - 82.5 cm with 125 mm easy-roll castors
- 28 - 81 cm with 125 mm double / design castors
- 32 - 85 cm with 150 mm easy-roll castors

Interested in other features?

- 3-stop strategy
- Automatic comfort seating
- Automatic prophylaxis



SafeSense®*

Safety + freedom day and night due to intelligent bed exit sensor system

wissner-bosserhoff, your reliable partner for the reduction of freedom-depriving measures (FDM): With SafeSense®, wissner-bosserhoff presents an intelligent assistance sensor system, which reliably helps reducing freedom-depriving measures day and night. It is equipped with an automatic night light, which is activated when the resident leaves the bed and is deactivated when the resident is back in bed again. SafeSense® is compatible with standard nurse call systems and can be retrofitted to wissner-bosserhoff nursing home beds manufactured in 2002 or later





**More safety –
less freedom-
depriving measures
(FDM)**

- Faster response time in the event of falls
- Greater safety during night and weekend shifts
- Ideal in combination with sentida low nursing beds and SafeFree® side guards

Automatic night light

- Night light is automatically switched on when the resident leaves the bed
- Night light is switched off again as soon as the resident is back in bed



Individual alarm system

- Freely adjustable immediate alarm from 0 seconds to 30 minutes
- Adaptation to the resident's mobility



Integrated or available as retrofit kit

- Accessory option for current WIBO nursing home beds
- Retrofit kit for electrical WIBO nursing home beds manufactured in 2002 or later
- Available with cable or wireless

Further information on SafeSense® is provided on page 22.



SafeFree® – the patented side guard concept

Obtain freedom – in line with the Werdenfelser Weg*

4 side guards

1

In lowered position, the divided side guards enable unhindered access to the resident for daily nursing tasks, changing wound dressings or bed sheets and linen. No need to take off and store interfering accessories like a middle post or fixed side guards.

4-stage adjustment

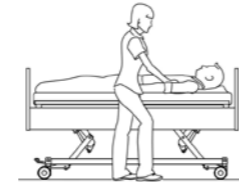
No protection needed



4 advantages

Barrier-free

No middle post and no central gap protector



2

For safety at night, it is often sufficient to combine the low position of the bed with the first height level of the head-end side guard. This "soft protection" avoids unnecessary barriers and reduces the risk of falls sustainably. The side guards provide the resident with orientation without restriction.

Soft protection

no FDM



Orientation

instead of freedom-depriving measures (FDM)



3

The 3/4 protection creates a deliberate bed egress gap at the foot end for the reduction of freedom-depriving measures (FDM), while at the same time maintaining a high safety standard. By adjusting the bed and side guard height, sentida can be adapted to residents of every size and height.

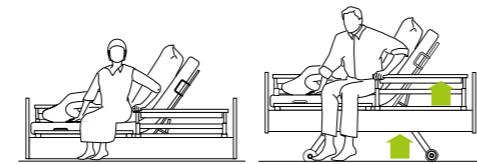
3/4 protection

no FDM



Mobilization

with adaptation to resident height



4

The third height level is used to comprehensively secure the resident in bed. In the top position, the two parts of the side guard close together so tightly that they are just as safe as a continuous side guard. Stocking up on accessories for closing a central gap when using an abdominal belt for restraint is not necessary.

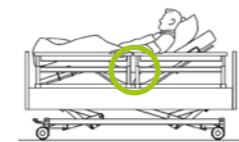
Full protection

for mattress heights from 12 to 18 cm



Safety

exceeding the requirements of the new standard IEC 60601-2-52



Mobilization with the right support angle according to the resident's height



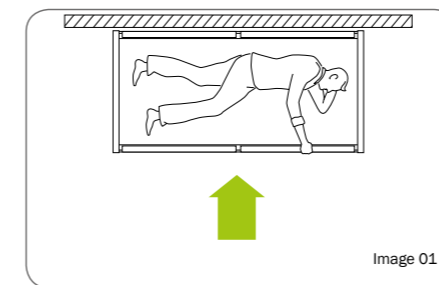
↓

More safety
due to smaller central gap* < 60 mm

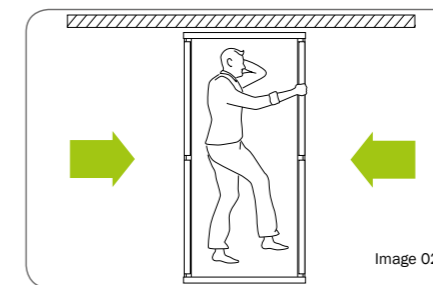
- Targeted compliance with the standard IEC 60601-2-52
- Safety in working position, i.e. also with raised backrest or leg rest
- Safety without using an additional central gap protector as accessory for restraint with an abdominal belt in accordance with the BfArM** (German Federal Institute for Drugs and Medical Devices)

All-round access for nursing tasks with 4 divided side guards

- Flexible use of the bed for standard care, even in limited spaces (image 01)
- Flexible access from both sides of the bed in case of increased need for care (image 02)
- Flexible use of the bed for bed egress on the left or right side to mobilize the resident
- Avoiding follow-up costs for upgrading divided side guards



Standard nursing – access from one side is sufficient



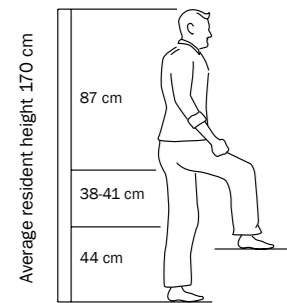
Increased need for care – access from both sides needed

BiNetic patient surface with double retraction

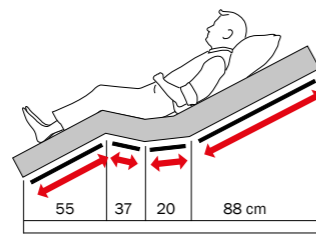
Patient surface ergonomics

The ergonomic division of the patient surface helps prevent pressure and therefore contributes to pressure ulcer reduction. The dimensions of the 4-part patient surface of wissner-bosserhoff nursing home beds are based on findings from anthropometrics, i.e. on the average size and height of a person. On the basis of professor Eigler's findings, it can be seen that the backrest area should be at least 80 cm long in

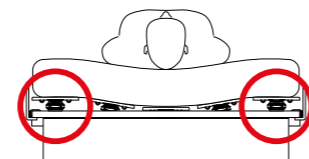
order to effectively support the cervical spine. An additional reduction of pressure can be reached with the BiNetic patient surface for patients with above-average height due to its integrated bed extension. The patient surface can be extended to 220 cm either temporarily and without tools using the express bed extension, or permanently with the bed extension set, preventing the legs from bumping on the foot end.



Anthropometry according to Prof. Eigler *



BiNetic patient surface 200 cm (long backrest)



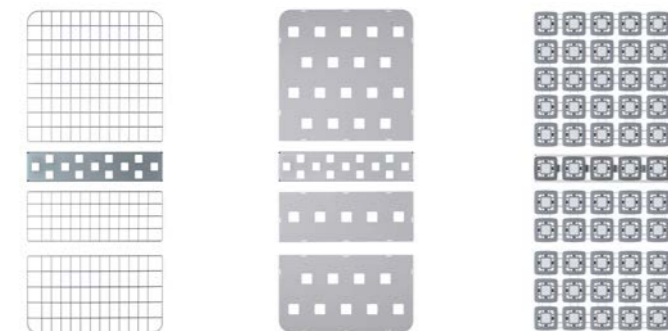
Comfort patient surface with 55 spring elements

Patient surface modularity

You can choose between 3 different patient surface options:

- 01 The wire mesh patient surface **Aero** ensures good aeration.
- 02 The synthetic mats of the **Easyclean patient surface** are especially easy to clean.
- 03 The **comfort patient surface** with its 55 spring elements not only promotes bedding comfort but also makes a valuable contribution to pressure ulcer prevention.

In general, the patient surface partitions can be easily removed and cleaned.



01

02

03



Detail comfort patient surface

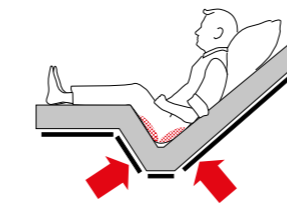
for effective pressure ulcer prevention

Effectiveness of double retraction confirmed

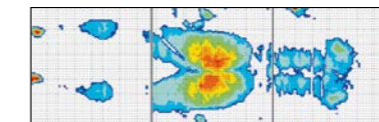
For years now, wissner-bosserhoff has been pursuing a practicable concept for reducing the risk of pressure ulcers: The double retraction as a component of the BiNetic patient surface. With the double retraction, not only the backrest but also the leg rest is located further apart from

the seat section, so that the surface is enlarged. Today, results from pressure measurements (thermal imaging) clearly show that there is less pressure with double retraction than with single retraction and significantly less pressure than with the standard patient surface.

Standard patient surface without relief

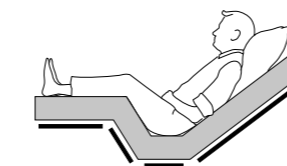


Single retraction = risk of pressure ulcer

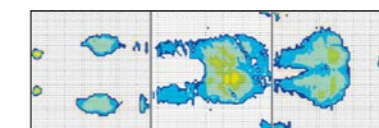


Thermal image of a standard patient surface

WIBO patient surface with notable relief



6 cm ← → 11 cm
Double retraction = pressure ulcer prevention



Thermal image of a BiNetic patient surface

Double retraction is not to be considered as the only means of pressure ulcer prevention, it can however effectively support existing options

and, above all, it demonstrates that we should make use of all technical means at hand to improve decubitus prevention.

Up to
1.5
million

people suffer from decubitus: In Germany alone, there are an estimated 750.000 to 1.5 million decubitus patients.

Immobile, ill and elderly people are affected particularly.

The annual costs of treating pressure ulcers in Germany amount to 1 to 4 billion euros. Due to the increasingly aging population and the increase in chronic diseases, the number of people treated for pressure ulcers will keep rising.

According to the "Gesundheitsbericht des Bundes" (German federal health report) (issue 12 on pressure ulcers, December 2002), corresponding preventive measures and optimized therapy could cut half of these costs.

Source: www.deutsche-dekubitusliga.de/das-problem



Double retraction =
17 cm
more space in bed

3 bed lengths

Without central gap > 318 mm and without middle post

All standard wissner-bosserhoff nursing home beds are equipped with an integrated bed extension. With the **express bed extension** (see image below/option), sentida - **with divided side guards** - can be adjusted flexibly and without tools to different bed lengths. The requirements of the standard IEC 60601-2-52 are complied with in each configuration.



Bed extension with express release (option)

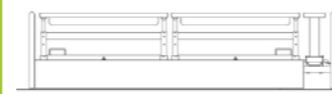
200 cm

Bed length of 200 cm: The divided side guards offer protection without a central gap > 318 mm* and without a protector



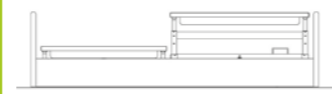
220 cm

Bed extension to 220 cm: is temporarily adjustable with divided side guards for sentida - complete protection through foot-end protector (accessory) is guaranteed



210 cm

Alternative bed length of 210 cm: Protection with longer side guards at the foot end without accessories and without a gap > 318 mm**

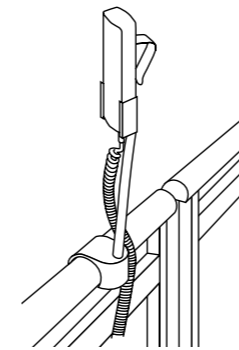


Design handset

intuitive handling

Already at first glance, the handset impresses with its clarity and ergonomic shape: fewer buttons and large symbols ensure intuitive operation.

The pre-selection function makes the handset single fault safe - triggering a function by accidentally pressing a key is not possible.



The handset is easy to reach for both the resident and staff at all times (accessory handset holder, model No. 10-0419 and 10-0421).



Backrest adjustment

Auto contour

Height adjustment

Up

Down

Interested in other features?

- 3-stop strategy
- Automatic comfort seating
- Automatic prophylaxis



3 safety levels

Integrated into the handset rear side is the locking function, eliminating the need to search for a control box at the patient surface panel or to bend down.

With a magnet-free key, the three handset modes can be chosen:

Care mode:
All buttons are unlocked.

Locking mode:
All functions of the handset are locked.

Resident mode:
The upper three buttons are available to the resident.



Care mode

Locking mode

Resident mode



Key for safety levels (magnet-free)

Effective cable management

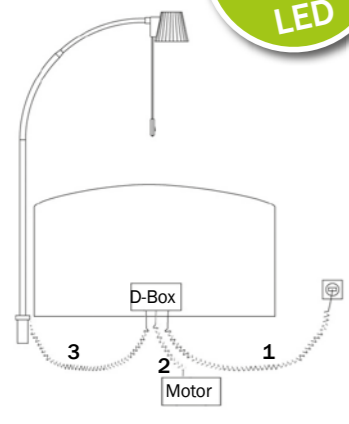
D-box provides energy for bed and reading light

With the convenient D-box, tangled cables are a thing of the past. Attached at the inside of the head section, the D-box collects both the cables of the bed and light. This way, only one cable leads to the power socket.

3 cables – one solution – several advantages

- You only have to pull out one single cable to be able to move the bed.
- No risk of mixing up cables when unplugging.
- Independent from the motor. Therefore, good access to the connectors in every bed position.
- For halogen and LED lights.

Halogen + LED



Antimicrobial coating

Sterile* surfaces in a minimum of time

In nursing care institutions, the number of infections with MRSA (methicillin-resistant Staphylococcus aureus) and other pathogens which are hard or complex to prevent or kill by common hygiene measures is increasing.

For this reason, wissner-bosserhoff now offers antimicrobial coating for nursing home beds, being the first manufacturer in Europe to provide this. The parts of the bed most frequently touched by the resident and nursing staff are treated with this coating to effectively prevent the multi-resistant viruses from emerging or spreading. Ions harmless for humans are constantly created and attack the metabolic system of harmful microorganisms.

The antimicrobial coating has successfully passed practical tests: The ionic agent is highly effective against bacteria, viruses, fungi and algae. Even when commercially available disinfectants are used, the antimicrobial effect is not impaired.



Your advantages at a glance

- The settlement and transmission of germs is reduced
- Reduced risk of infection by inhibiting germ growth
- The number of infections in nursing homes is reduced
- Antibiotic resistance is reduced
- The risk of damage by cleaning agents is reduced

Permanent germ accumulation and spreading to the most commonly touched surfaces of the nursing home bed and bedside cabinet is thus effectively prevented.

MRSA is the most common multi-resistant pathogen of nosocomial infections in Europe. According to estimates, there are about

170,000

cases of MRSA infections each year, leading to the loss of more than

5,000

lives in the European healthcare system, more than one million additional hospital days and additional costs of about 380 million Euro.

Source: <http://www.aerzteblatt.de/archiv/112574/Methicillin-resistenter-Staphylococcus-aureus-in-Deutschland-Epidemiologie>

Design | head / foot sections



Design A
Head/foot section



Design Ak
Head/foot section



Design Ak
Folded down



Design D
Head section



Design D
Foot section



Design D
Low foot section



Design G
Head section



Design G
Foot section



Design G
Low foot section



Design K
Head section



Design K
Foot section



Design K
Low foot section



Design S
Head section



Design S
Foot section



Design S
Low foot section



Design T
Head section



Design T
Foot section



Design T
Low foot section



Design W
Head section



Design W
Foot section



Design W
Low foot section



Design DR
Head section



Design DR
Foot section



Design LP
Head and foot section

Colors | décors*



Maple



Beech, natural



Beech, tinted



Cacao



Alder, golden red



Cherry



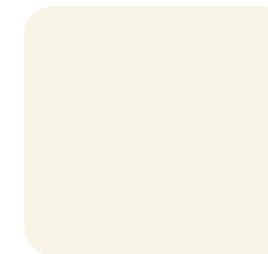
Havana cherry



Lindberg oak



Walnut



Volcano white

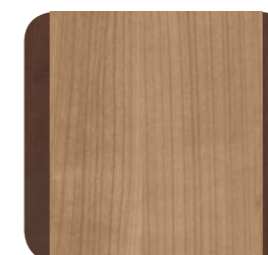
Color combination memoriana

Combination option 1



Corpus maple
Lining Havana cherry

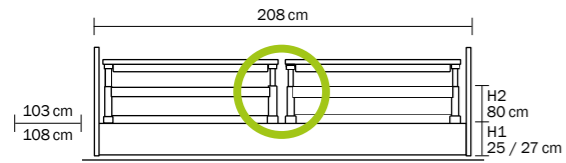
Combination option 2



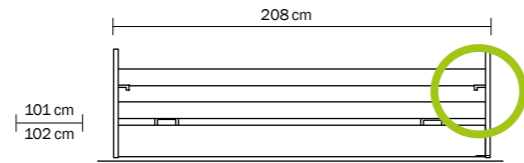
Corpus Havana cherry
Lining cacao

Furnishings and accessories

Dimensions

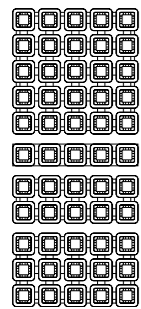


sentida with divided (10) side guards, without gap
 outer dimensions: L = 208 cm, W = 103/108 cm
 Mattress dimensions: L = 200 cm, W = 87 cm
 H1 25/27 cm (low position), H2 80 cm (highest position)

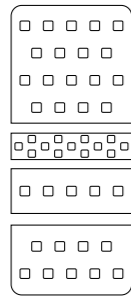


sentida with continuous 2-part
 09 side guard with trigger release

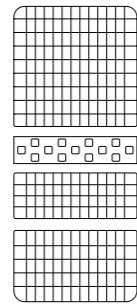
Patient surfaces



Comfort

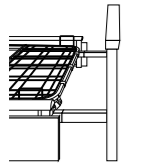


EasyClean

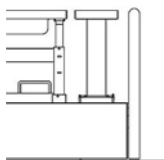


Standard | Aero

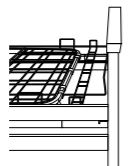
Bed extensions



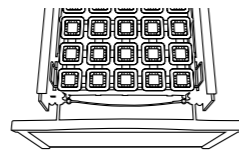
Temporary bed extension
 for side guard (10),
 standard



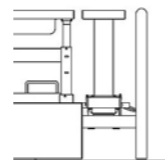
Permanent bed extension
 for side guard (10),
 optional



Permanent bed extension
 for side guard (09),
 optional

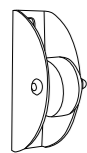


Bed extension with express
 release
 (optional)



10-0570 / 10-0580
 Protector for bed extension by 20 cm
 (option)

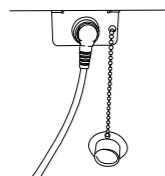
Options



Vertical wall stop-
 per castors



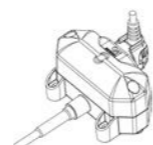
Horizontal and vertical
 3D wall stopper castors



Plug & Play for using the hand-
 set on one side or both sides of
 the bed

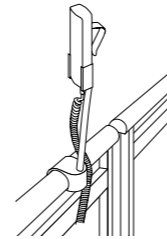


D-box with halogen lamp
 connection for optimal
 cable management

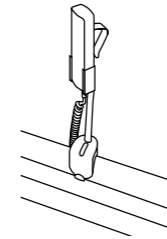


Underbed light
 (switchable)

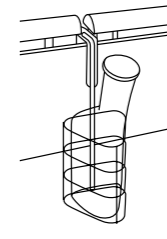
Accessories



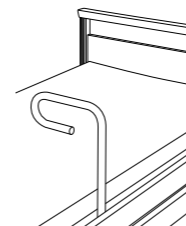
10-0419
 Handset holder for divided side
 guards
10-0421
 Handset holder, short



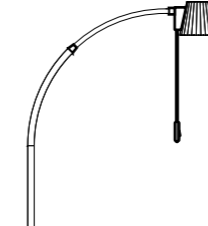
10-0422
 Accessories and handset holder
 for continuous side guards
10-0421
 Handset holder, short



10-0424
 Accessories and handset holder for attach-
 ment to the side panel
50-0164 Urine bag holder
 (no picture)



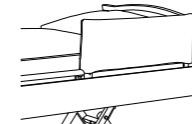
10-0715
 Standing-up aid for side guards
 (09) and for ¾ side guards



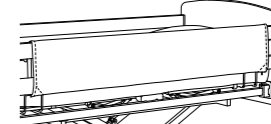
50-0212 Design halogen lamp soluna with 12 V transformer
50-0213 Design halogen lamp soluna without 12 V transformer
50-0237 Design LED light soluna with power supply unit
50-0550 Design LED light soluna without power supply unit



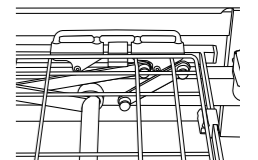
50-0206
 Fall mat
 W 90 x L 200 cm, height approx. 4.5 cm



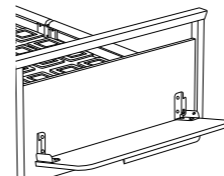
50-0174
 Cushioning for divided side
 guards (10)



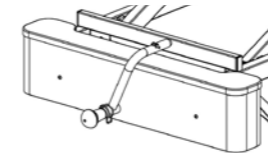
50-0338
 Cushioning for (09)
 2-part side guards



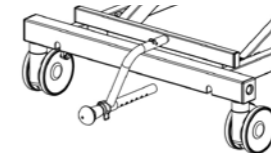
10-0563/10-0533/10-0521
 Segufix holder
 - for the thigh rest
 - for the backrest
 - for the seat section



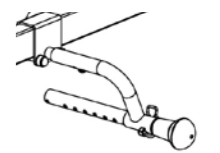
10-0719
 Linen holder,
 compatible with all bed types



10-0612
 Head-end wall spacer
 short, for sentida 5-le



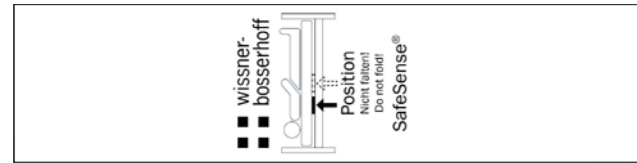
10-0612
 Head-end wall spacer
 telescopic, for sentida 6-le



10-0613
 Side-mounted wall spacer,
 telescopic, for sentida 5-le/6-le

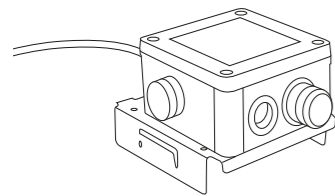
Accessories – SafeSense® bed exit system

SafeSense® sensor mat



02-000781
SafeSense® sensor mat
80 x 20 cm

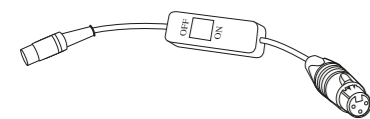
SafeSense® bed exit box



Cable version (SafeSense® 1):
04-1544-001
Bed exit box, for beds without battery
04-1544-004
Bed exit box, for beds with battery

Wireless version (SafeSense® 2):
04-1544-002
Bed exit box, for beds without battery
04-1544-003
Bed exit box, for beds with battery

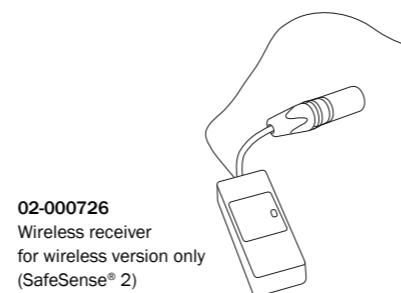
SafeSense® connection kit



04-1508
Adapter cable with on/off switch and suitable plug for connection to the nurse call system (customer-specific) for the cable and wireless version (SafeSense® 1 and 2)



04-1608
Adapter cable without on/off switch with suitable plug to connect to the nurse call system (customer-specific) for the cable and wireless version



02-000726
Wireless receiver for wireless version only (SafeSense® 2)

Our certificates – your safety

wissner-bosserhoff voluntarily has its production processes and management regularly audited by the TÜV. The company is certified in accordance with the regulations of the standard DIN EN ISO 9001:2008 for quality management systems as well as DIN EN ISO 13485:2003+AC:2007 for the manufacture of medical devices.

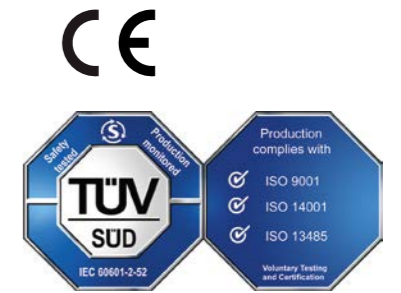


ISO 9001:2008

EN ISO 13485:2012

ISO 14001:2004

ISO 50001:2011



Inspection label for product certification and auditing



CB certificate



Certificate for side guards



Test certificate for antimicrobial coating

Design

wissner-bosserhoff places great emphasis on design. Not only do our products combine functionality and high-quality workmanship but also design at the highest level. They feature a high level of functionality and cozy design as well as convenient usability and ergonomics. Having won several prestigious design awards, sentida is now among the most important nursing home bed series on the international market.



wissner-bosserhoff GmbH

Hauptstraße 4-6, 58739 Wickede (Ruhr), Germany

Phone: +49(0)2377/784-0 | Fax: -167 | info@wi-bo.de | www.wi-bo.com

