

■ ■ wissner-  
■ ■ bosserhoff

Functional elegance in nursing care

movita

Nursing home beds





Photo: René Schwerdtel, models: Paul Chaillot (\*1916) & Nicole Marques | cover photo (portrait): Jim Rakete, model: Anneliese Kutsche (\*1926)

# movita nursing home beds

Economical for nursing institutions, comfortable for patients

The nursing care market is subject to many influencing factors and trends, such as the increasing number of people in need of acute care or are affected by dementia. This has operators and staff of residential homes face increasing qualitative and economic challenges. In the light of the increasing shortage of qualified nursing staff, this applies all the more. The sector needs concepts and products that make nursing tasks easier and convince on an economic level. The movita nursing home beds combine functional elements with cost effectiveness and homeliness.

## Factors influencing the nursing care market and trends\*

Nursing care sector	Factor	Trend
	Demographics	Change in the demographic structure, of society, rise in life expectancy, increasing risks (multimorbidity, dementia), decreasing support potential in families, etc.
	Public authorities	Change of political guidelines, limited predictability of politics, fewer public supply-side subsidies, etc.
	Customer	Changing demand patterns



# Living concept

movita casa | Design T10

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



# movita Portfolio

The entry model  
with feet



Model  
movita AS

Movability  
Stationary

Castors  
Without castors

Brakes  
Not required

Height adjustment  
Without height adjustment

The entry model  
with castors



movita AS

Movable

100 mm steel sheet castors  
or 100 mm double castors

Individual castor braking

Without height adjustment

The slender one



movita 2-s

Movable at every bed height

100 mm double castors  
100 mm easy-roll castors  
or 125 mm design castors

Individual or central castor brake system  
with one directional castor,  
operated with foot levers on both sides

Approx. 36/38 - 78/80 cm

Special feature  
Patient surface width: 80 cm

The one easy  
to disassemble



movita 2-d

Movable at every bed height

100 mm double castors  
100 mm easy-roll castors  
or 125 mm design castors

Individual castor braking

Approx. 36/38 - 78/80 cm

Special feature  
Can be completely disassembled

The mobile one



movita

Movable at every bed height

100 mm easy-roll castors  
or 125 mm design castors

Individual or central castor brake system  
with one directional castor,  
operated with foot levers on both sides

Approx. 36/38 - 78/80 cm

The homely one



movita casa

Movable at every bed height

50 mm double castors

Castor braking system for each axle,  
operated with foot levers on both sides

Approx. 37 - 80 cm



# Benefits at a glance

## Protection and mobility without FDM\*

SafeFree® – the patented side guard concept

| 10 - 11

## Safety by day and night

SafeSense® – the intelligent bed-exit sensor system

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Double retraction | 3 patient surfaces to choose from

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Clearly structured and ergonomic

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## Flexible and time-saving

3 bed lengths that can be adjusted without tools

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## Energy efficiency and more user friendly

Thanks to innovative drive concept

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## The one easy to disassemble

movita 2-d

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## Additional options

Design | Colors and decors | Features and accessories

| ab 20



# Protection and mobility without FDM\*

SafeFree® the patented side guard concept

The SafeFree® divided side guard system is patented and voluntarily certified. The technology has been tested in practice more than 500,000 times. You can lower the space-saving side guards quickly in only 2 seconds and individually adjust them to four heights, depending on the care situation and size of the resident.

## 1 No protection needed



Lowered, the divided side guards look homely and provide unhindered access to the resident for daily routine nursing tasks. No need to take off and store accessories that are in the way, such as a middle post or fixed side guards.

## 2 Soft protection (no FDM\*)



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 avoids unnecessary barriers and effectively reduces the risk of falls on the long term. The resident can orient himself without being restricted.

## 3 ¾ protection (no FDM\*)



Creates a deliberate bed egress gap at the foot end to reduce freedom-depriving measures (FDM) while at the same time maintaining a high safety standard.

## 4 Full protection (FDM\*) for mattresses up to 18 cm



The highest position provides comprehensive protection of the resident. The distance between the two parts of the side guards is minimal, making them just as safe as a continuous side guard and exceeding the requirements of the standard IEC 60601-2-52. It is not necessary to stock up on accessories to close a central gap when using an abdominal belt for restraint.



If you use a thicker mattress, you can raise the side guards by an additional 6 cm.

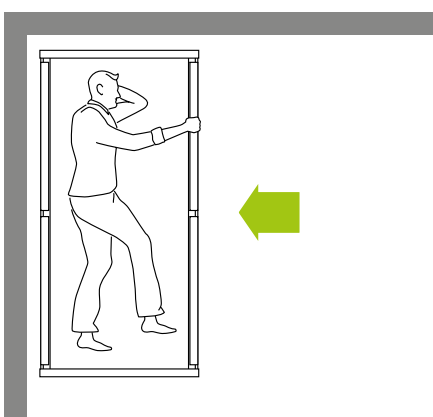
## Safe mobilization

Divided side guards are very useful for effective mobilization, as they are easy to grab and clasp. They can be used as a safe standing-up aid and verifiably support the resident's mobility.

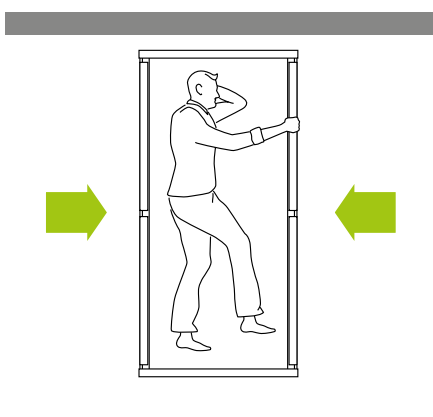


## All-round access for nursing tasks = with 4 divided side guards

- Flexible use of the bed for standard care, even in limited spaces
- Flexible access from both sides of the bed in case of increased need for care
- 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



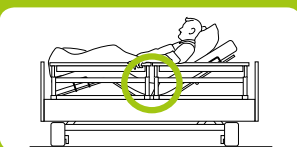
Standard nursing – access from one side is sufficient



Increased need for care – access from both sides needed

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)



tested in practice  
600.000 +  
times

Videos on the side guard concept



# Safety by day and night

SafeSense® – the 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



## 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



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 movita low nursing beds and SafeFree® side guards



Video SafeSense®

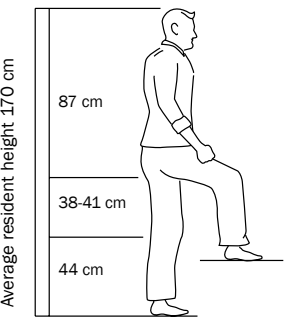


# Effective bedsore prevention

Double retraction | 3 patient surfaces to choose from

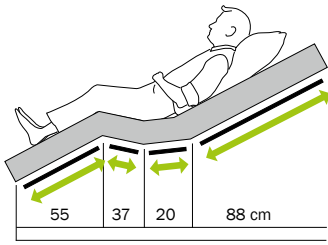
## Patient surface ergonomics

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.



Anthropometry according to Prof. Eigler \*

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



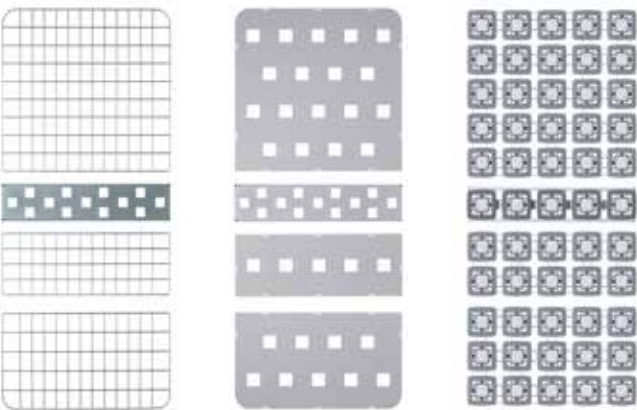
BiNetic patient surface 200 cm (long backrest)

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.

## 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

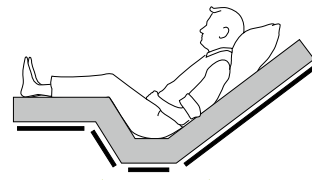
## Effectiveness of double retraction confirmed\*

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

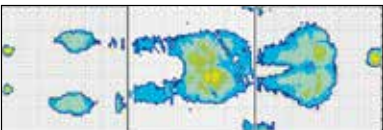
the surface is enlarged. Today, results from pressure measurements (thermal imaging) clearly show that there is less pressure with double retraction than with single retraction and significantly less pressure than with the standard patient surface.



WIBO patient surface with notable relief



Double retraction = pressure ulcer prevention



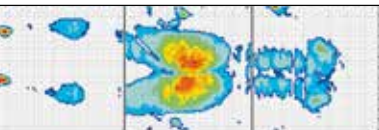
Thermal image of a BiNetic patient surface



Standard patient surface without relief



Single retraction = risk of pressure ulcer



Thermal image of a standard patient surface

Up to  
**2.7**  
million people  
in Germany have chronic wounds such as bedsores. Not least due to the demographic change, elderly people suffer from chronic wounds particularly often. The risk for people over 90 is at more than 11 %. Pressure ulcers are very unpleasant and straining for residents. Therapies usually take several weeks or months and may often cause further discomfort.

Source: BVMed 2012 study

Double retraction =  
**17cm**  
more space in bed

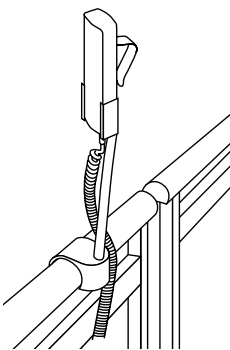


# Intuitive operation

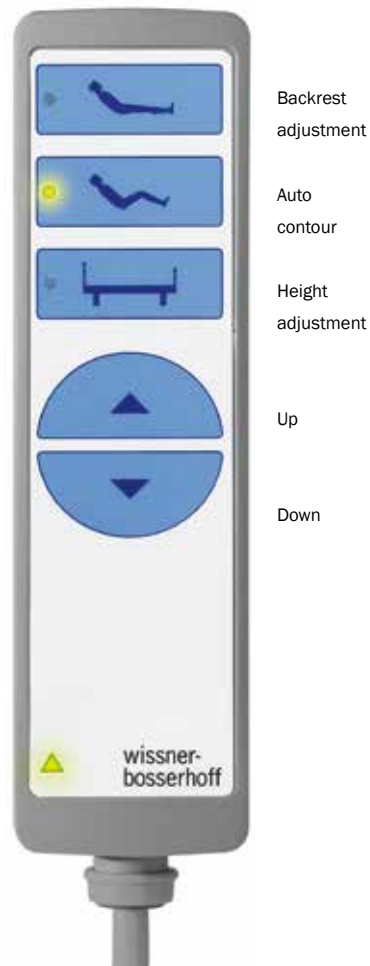
Even more straightforward and ergonomic

Already at first glance, the handset of the movita nursing home beds impresses with its clarity and ergonomic form: fewer buttons and large symbols ensure that operation can be learned intuitively.

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)



Extended functions

- Night light & reading lamp
- Separate leg rest adjustment
- Mobilization function
- Play protection



Video tutorial, also at:  
[www.wi-bo.com/de/Ueber-uns/Anleitungsvideos](http://www.wi-bo.com/de/Ueber-uns/Anleitungsvideos)

## 3 safety levels

The locking function is integrated into the back of the handset, meaning that you do not have to look for a control box at the patient surface panel or bend down.

The three handset modes can be selected with a non-magnetic key:

- Care mode:**  
All selection buttons are unlocked.
- Locking mode:**  
All functions of the handset are locked.
- Resident mode:**  
The resident can use the upper three buttons.



Key for safety levels (magnet-free)

# Flexible and time-saving

3 bed lengths that can be adjusted without tools

All standard wissner-bosserhoff nursing home beds are equipped with an integrated bed extension. With the **express bed extension** (see image below/option), movita - **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.

200 cm

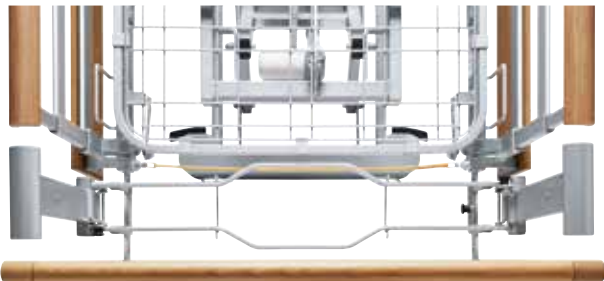
Bed length of 200 cm:  
The divided side guards offer protection without a central gap > 318 mm\* and without a protector

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\*\*

220 cm

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



Bed extension with express release (option)

# Energy efficiency and more user friendly

Thanks to innovative actuator concept

With its new actuator, movita nursing beds are more user-friendly, more sturdy and more energy-efficient. The integrated LED technology, the energy-saving equipment and the service-friendly design are key requirements for an economic operation of a nursing home.



## More user friendly

The new movita is equipped with an LED bedside light connection integrated in the motor. You only need one single cable from the bed to the power supply. The LED light can also be switched on and off using the handset. You can now also watch video tutorials on how to operate the bed by scanning the QR code on the bed.



Video tutorial, also at:  
[www.wi-bo.com/de/Ueber-uns/Anleitungsvideos](http://www.wi-bo.com/de/Ueber-uns/Anleitungsvideos)

## Economical & energy efficient

Energy efficiency is becoming an increasingly important factor due to steadily rising electricity prices. The new actuator is extremely economical with a very low stand-by consumption of only 0.5 W. Top cable management ensures less wear. The power cable is interchangeable, which means less storage costs.



soluna with wavy lampshade

Special design element of the soluna lamps is the elegant lampshade with its partial translucent character. Equipped with a pivoting arm, the lamp allows precise positioning of the light point near the object and harmoniously adjusts to the ergonomics of the nursing beds. Advantages of the LED: long life, low energy consumption, no heat development and absolutely safe functioning.



Soluna with universal lampholder

# movita 2-d

The one easy to disassemble

At first glance, the movita 2-d cannot be distinguished from a standard movita bed. The technical parameters of both beds are also identical. You can only see the difference once you take a closer look – the movita 2-d can be completely disassembled and reassembled by one person – quickly and without tools. None of the individual components weighs more than 18 kg, complying with all occupational health and safety requirements.

The movita 2-d is used in home care or nursing homes with narrow doors – without compromising design, quality or stability.



# Design | head / foot sections

## Head section



Design A <sup>\*/\*\*</sup>  
Head/foot section



Design D



Design Df <sup>\*/\*\*</sup>



Design G



Design K <sup>\*\*</sup>



Design O <sup>\*/\*\*</sup>



Design T



Design Ts <sup>\*/\*\*</sup>

## Foot section



Design Ak <sup>\*/\*\*</sup>  
Head/foot section



Design D



Design Df <sup>\*/\*\*</sup>



Design G



Design K <sup>\*\*</sup>



Design O <sup>\*/\*\*</sup>



Design T



Design Ts <sup>\*/\*\*</sup>

## Low foot section



Design Ak <sup>\*/\*\*</sup>  
Folded down



Design D (Dx)



Design DF (Dfx) <sup>\*/\*\*</sup>



Design G (Gx)



Design K (Kx) <sup>\*\*</sup>



Design O (Ox) <sup>\*/\*\*</sup>

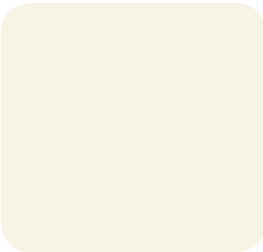


Design T (Tx)



Design Ts (Tsx) <sup>\*/\*\*</sup>

# Colors | décors\*



Volcano White (U11502)



Lund Birch (R35018)



Lindberg Oak (R20021)



Cottage Pine (R55023)



Pinie Suomi Grey (R55022)



Pinie Suomi Brown (R55021)



Havana Cherry (R42006)



Shirling Oak (R38006)



Beech Natural (R24015)



Beech (R24034)



Cherry (R42002)

# 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



ISO 13485



ISO 14001:2004



ISO 50001:2011



CB certificatex



Certificate for side guards



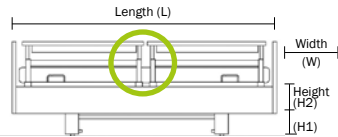
Inspection label for product certification and auditing



# Furnishings and accessories

## Dimensions

<b>10-0625</b> movita AS (with feet/casters) L 208 cm, W 103/106 cm without height adjustment	<b>10-0740</b> movita 2-s L 208 cm, W 93/95 cm H1 36-38 / H2 78-80 cm	<b>10-0766</b> movita 2-d (only with side guards 09) L 208 cm, W 103/108 cm H1 36-38 / H2 78-80 cm	<b>10-0540</b> movita L 208 cm, W 103/108 cm H1 36-38 / H2 78-80 cm	<b>10-0574</b> movita casa L 208 cm, W 103/106 cm H1 38 / H2 80 cm
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Divided side guards (10), without gaps



Divided side guards (11), without gaps

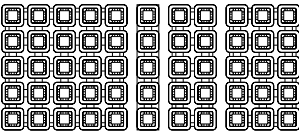


Continuous 2-part side guard (09) with trigger release

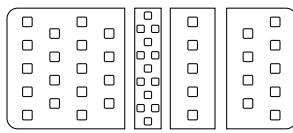


Continuous 3-part side guard (09)

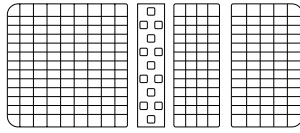
## Patient surfaces



Comfort

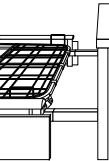


EasyClean

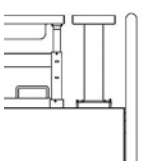


Standard | Aero

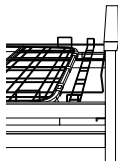
## Bed extensions



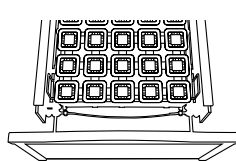
Temporary bed extension divided side guard (10) (standard)



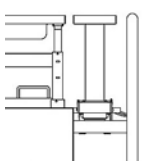
Permanent bed extension divided side guard (10) (optional)



Permanent bed extension side guard (09) (optional)

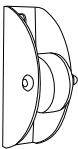


Bed extension with express release (optional)



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

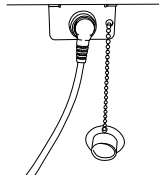
## Options\*



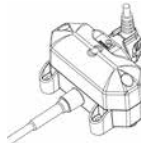
Vertical wall stopper castors (not for movita AS)



3D wall stopper castors, horizontal and vertical protection (not for movita AS)



Plug & play to use the handset on one or both sides of the bed



Underbed light

## Accessories\*



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



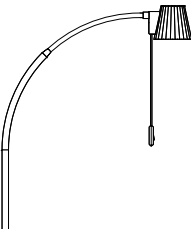
**10-0422**  
Accessories and handset holder for continuous side guards



**10-0424**  
Accessories and handset holder for attachment to side panel  
50-0164 Urine bottle holder (no picture)



**50-0773** Design LED lamp soluna with a power plug  
**50-0550** Design LED lamp soluna without a power plug



**10-0548**  
Head-end wall spacer bracket movita



**10-0587**  
Head-end wall spacer bracket movita casa



**10-0549**  
Side-mounted wall spacer movita / movita casa

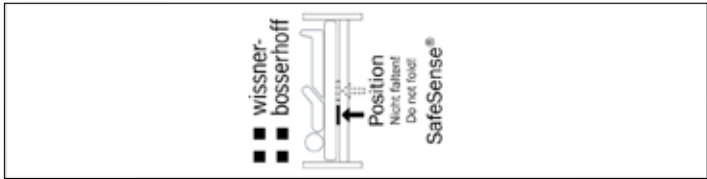


**50-0174**  
Cushioning for divided side guards (10)



**50-0338**  
Cushioning for two-part side guards (09)

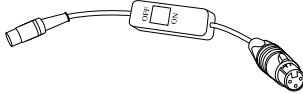
## SafeSense® Bed-Exit-System



**02-000876**  
SafeSense® sensor mat 2, 80 x 20 cm



**04-1851**  
Digital Bed-Exit-Box 2, cable or wireless version



**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



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

## Members of LINET Group

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