Foot Switch FS3

Data Sheet



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Introduction



The LINAK® Foot Switch FS3 is an elegant control unit, allowing healthcare professionals across the sector to have both hands free when attending to patients, thus also helping to improve ergonomics. It is designed to be used in modular adjustment systems consisting of LINAK control boxes and electric LINAK IC actuators.

Developed in cooperation with end users, the FS3 is specifically designed to improve and ease control of applications, such as hospital beds, treatment couches/tables and various treatment chairs. The result is a particularly user-friendly and easy-to-clean unit with an elegant and aesthetic design.

However, the FS3 is also a very robust and durable foot control available in both a single and a double version. The latter allows you to add and control more movement options, often used in more advanced applications.

The FS3 is available in an analogue version as well as a digital OpenBus™ version, and for applications where trip hazards are an issue or design freedom is prioritised, the unit comes in a wireless edition too (Bluetooth® Low Energy).

The FS3 is likewise offered in a 3-stage variant that features an extra stop funcitonality. This FS3 version can be used in situations where an additional deactivation switch is preferable or required.

Description of the different activation levels on the 3-stage foot switch:

1. No activation - no pressure on the foot switch
2. Activation - normal pressure on the foot switch for application movement
3. Stop activation - increased pressure on the foot switch will stop the application movement

Features and options

Pedals colour:	Dark grey RAL7016
Bottom housing colour:	Light grey RAL 7035
Protection class:	IPX6 (or IPX6 Washable DURA™ for beds model only)
Number of functions:	1 or 2 functions
Cable:	Straight 1000 mm and 2000 mm, coiled 600 mm
Button type:	Easy touch tactile switches
Design:	Ergonomic design in the butterfly shape
Mounting:	Floor model or mounted on the side of the bed frame
Wireless:	Wireless operation together with CA/CO with BLE - floor model only
FS3, 3-stage switch:	Additional deactivation functionality - compatible with analogue LINAK control boxes

Usage

Usage temperature:	+ 5° C to + 40° C
Storage temperature:	-10° C to + 50° C
Relative humidity:	20% to 80% - non-condensing
Atmospheric pressure:	700 to 1060 hPa
Height above sea level:	Max. 3000 meters
Compatibility:	Compatible with LINAK analogue and OpenBus™ control boxes. Please contact LINAK.

Approvals:

Safety

- IEC60601-1
- ANSI/AAMI ES60601-1
- CAN/CSA-22.2 No. 60601-1

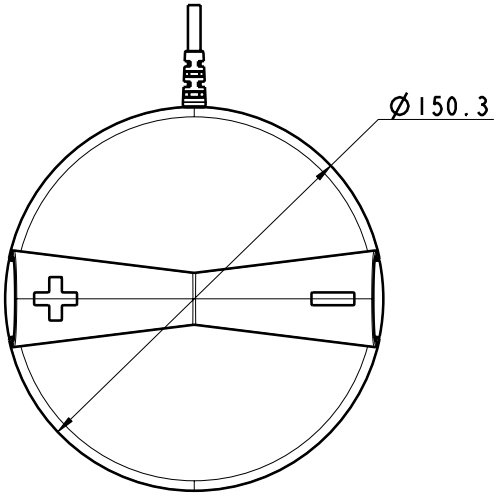
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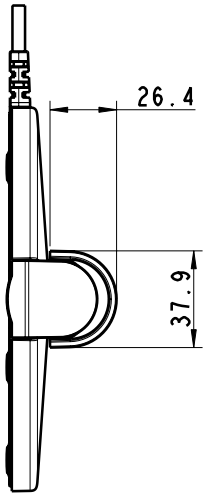
- RED
- FCC (US)
- IC (Canada)
- Telec (Japan)

Dimensions drawings

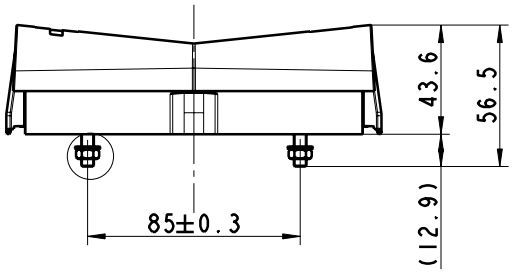
Dimensions for 1 channel floor model

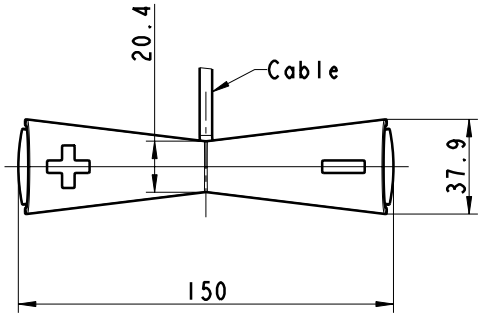


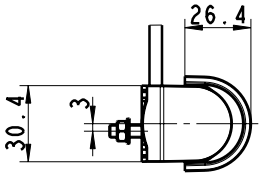




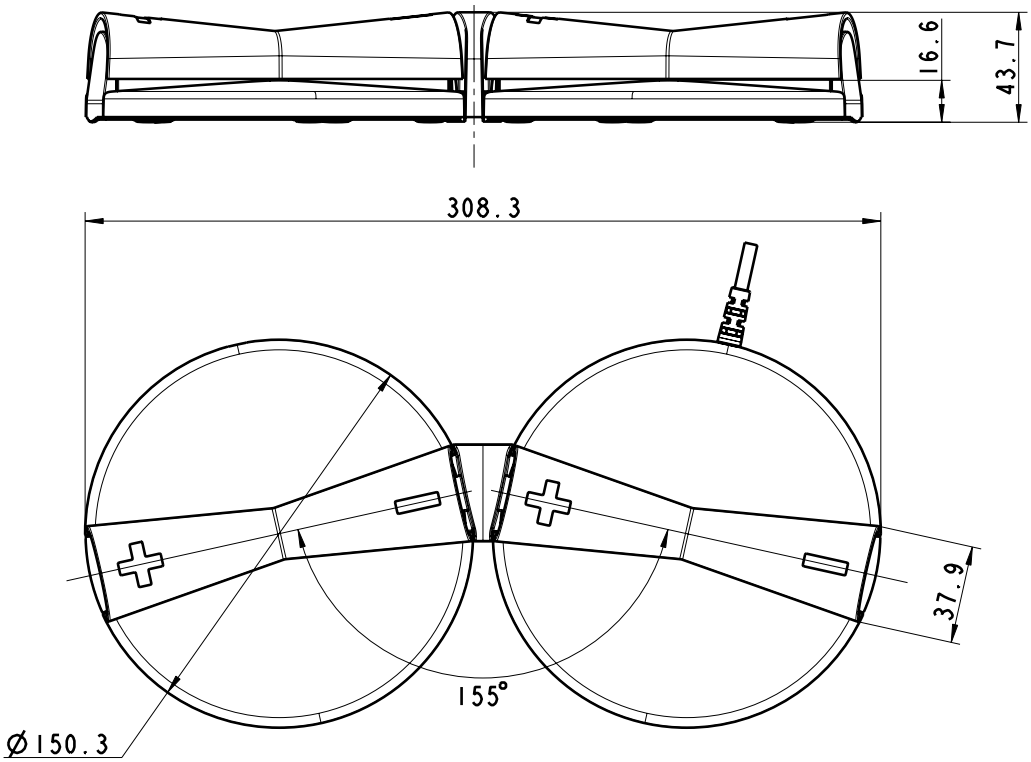
Dimensions for 1 channel bed model



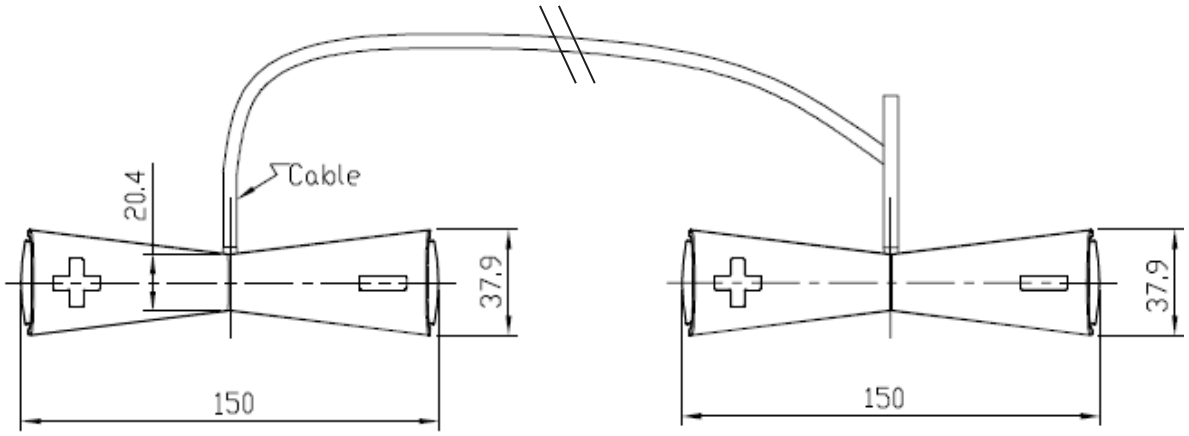




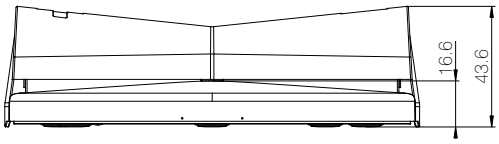
Dimensions for 2 channel floor model

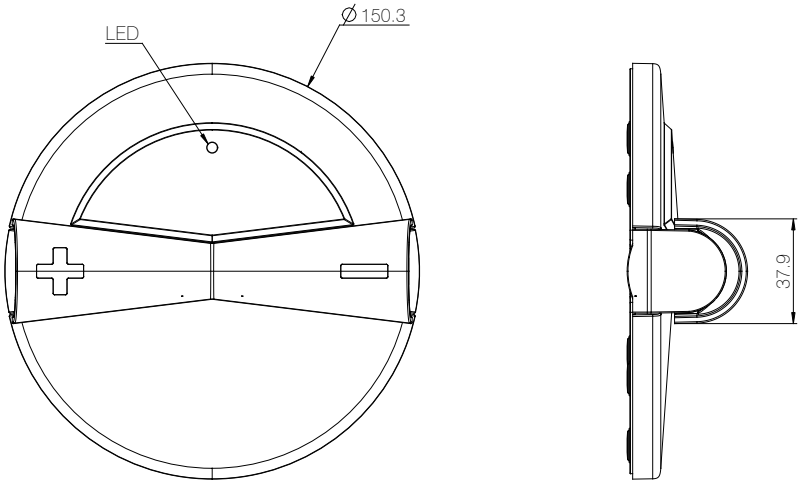


Dimensions for 2 channel bed model with cable (analogue and OpenBus versions)



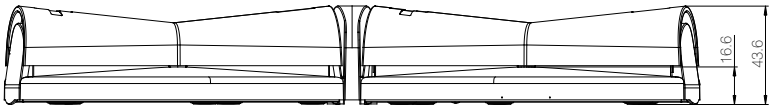
Dimensions for single FS3 wireless version

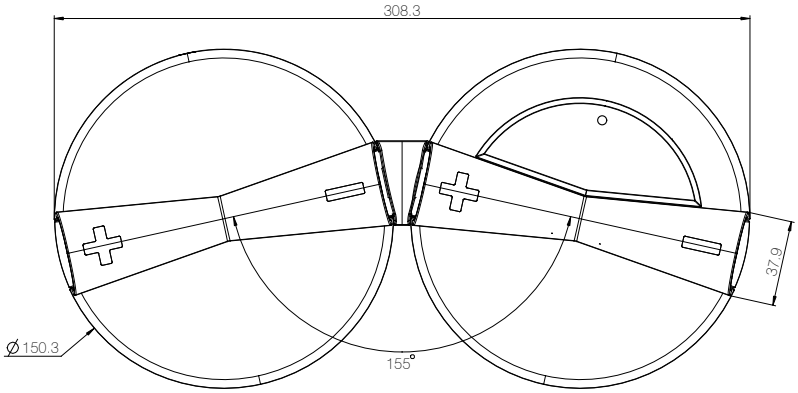




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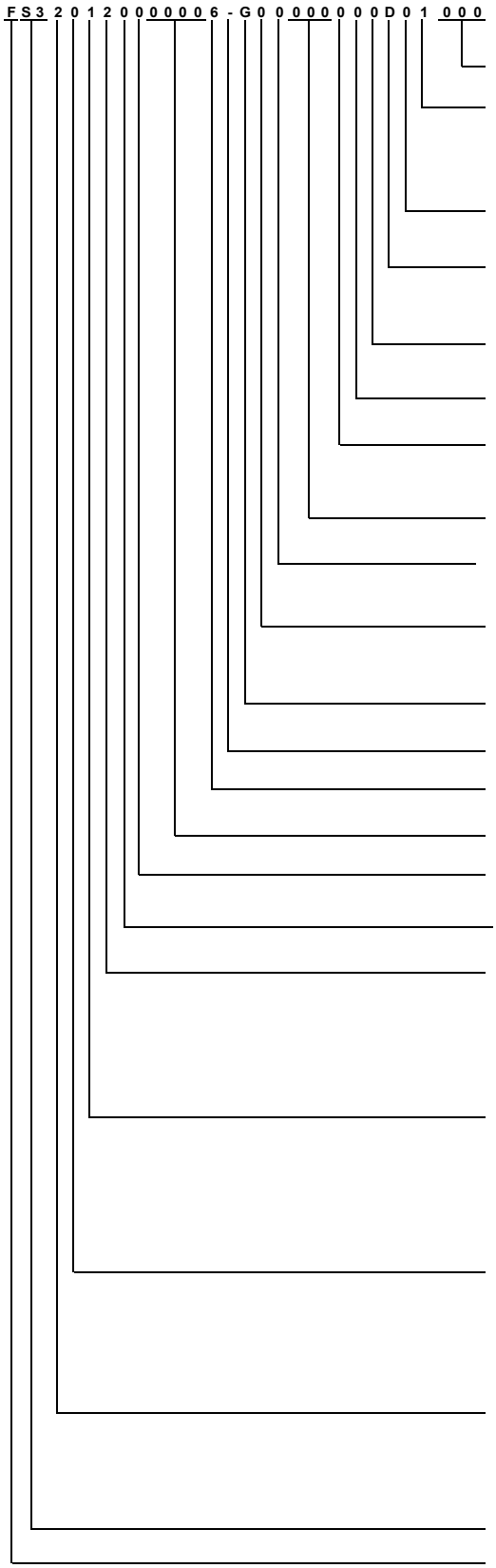
Dimensions for double FS3 wireless version





Drawing no.: 05801w4002

Ordering example



Not used
0 = None

FS3 cable length:
0 = No cable (only wireless version)
1 = Straight 2000 mm
2 = Straight 1000 mm
3 = Coil 600 mm (only for OB variants)
X = Special

FS3 cable material
0 = No cable (only wireless version)
1 = PU
2 = TPE (only for FS3 3-stage version)

FS3 cable plug type
D = DIN
M = Modular
N = No plug, wireless

FS3 cable colour
0 = Grey RAL7035
1 = No cable (only wireless version)

Not used
0 = None

Interconnection cable
0 = None
1 = 1400 mm (only for bed adapter)
2 = 300 mm (only for bed adapter)

Not used
0 = None

Foot pedal handle colour
0 = Dark grey RAL7016
S = Special

Mounting
0 = No screw (floor adapter single and double)
1 = Screw mounting (bed adapter single and double)
2 = No screw (wireless floor adapter single and double)

Box colour
G = Grey RAL7035
B = Black RAL 9005 (only wireless version)
W = White RAL 9016 (only wireless version)
- = None

IP-degree:
6 = IPX6 (floor version and wireless floor version)
W = IPX6 Washable DURA™ (only bed version)

Not used
0 = None

Bluetooth generation
0 = LINAK GEN1 (no longer available for ordering)
4 = LINAK GEN2

Not used
0 = None

Functionality right pedal (right/double pedal)
0 = Only for OpenBus™ See functionality overview
1 = See functionality overview
2 = See functionality overview
3 = Not for OpenBus™ See functionality overview
4 = Not for OpenBus™ See functionality overview
5 = See functionality overview wireless
X = Special

Functionality left pedal (left/single pedal)
S = Single pedal
0 = Only for OpenBus™ See functionality overview
1 = See functionality overview
2 = See functionality overview
3 = Not for OpenBus™ See functionality overview
4 = Not for OpenBus™ See functionality overview
5 = See functionality overview wireless
X = Special

Functionality type
0 = Analogue (CB6 like control box, common positive)
H = Analogue (Common Ground,CB9 like control box must choose this bit)
V = OpenBus™
A = Wireless SW1
B = Wireless SW2
C = Wireless SW3
E = FS3 3-stage, CA analogue
X = Special SW

FS3 Type
0 = Bed adapter (single)
1 = Floor adapter (single)
2 = Floor adapter (double)
3 = Bed adapter (double)
4 = Floor wireless (single)
5 = Floor wireless (double)

Controls Type
S3 = FS3

Controls
F = Foot switch

FS3 3-stage is only available as single version foot switch.

Approvals and certifications

For approval documentation, LINAK recommends specifying the product type instead of individual item numbers to ensure broader approval coverage and simplify future product changes.

Listed LINAK item for application approval: FS3

If this is not possible, we advise being as non-specific as possible when specifying LINAK products in your approval application:

Listed LINAK item for application approval: FS3****S*SSSSS-***SSS*S**S*SSS

" * " is not safety critical and we recommend including a non-specific signifier such as an asterisk.

" S " is safety critical and represents a listed critical component in the product and cannot be left out.

For more information, please refer to "Approvals and certifications" in LINAK Application Design Recommendations found under User Manual for any given product on LINAK.com

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