Foot Switch FS3
Data sheet

LINAK®

WE IMPROVE YOUR LIFE

FS3

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 nd 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® BLE).

Features & Options:
- Pedals colour: Dark grey RAL7016
- Bottom housing colour: Light grey RAL7035
- 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
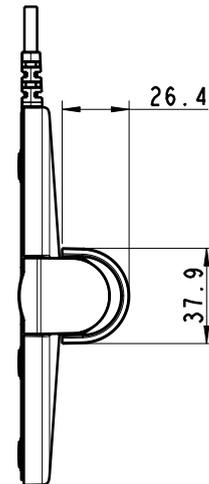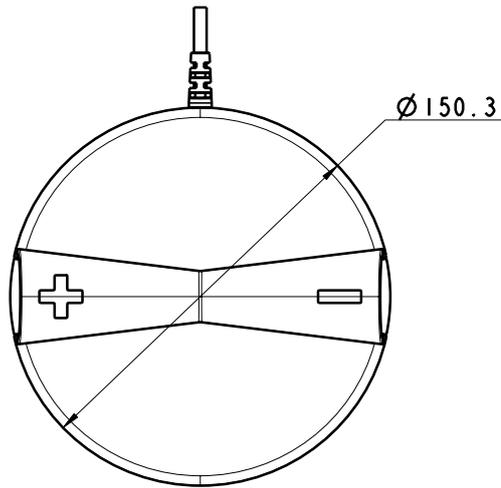 - floor model only

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	
Radio	RED	
	FCC (US)	
	IC (Canada)	
	Telec (Japan)	
Battery	IEC 62133	
	UL 205	
	UN 38.8	

Dimensions drawings:

Dimensions for 1 channel floor model

Ø150.3

26.4

16.6

43.6

37.9

Dimensions for 1 channel bed model

43.6

56.5

(12.9)

85±0.3

20.4

Cable

37.9

150

26.4

30.4

3
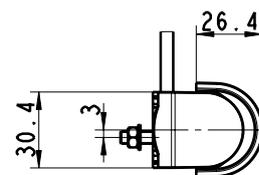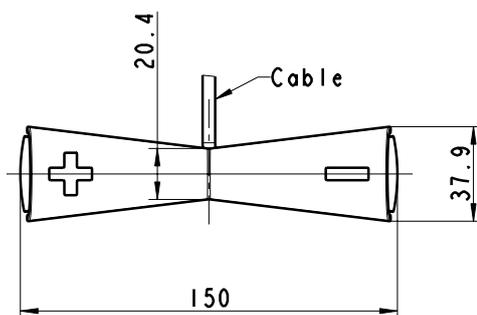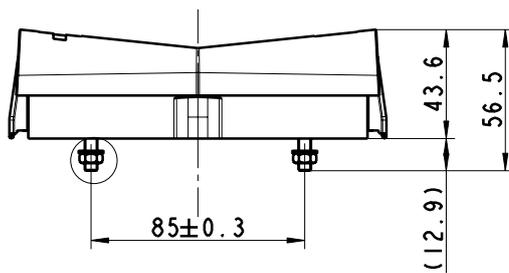
Dimensions for 2 channel floor model

16.6

43.7

308.3

37.9

Ø150.3

155°
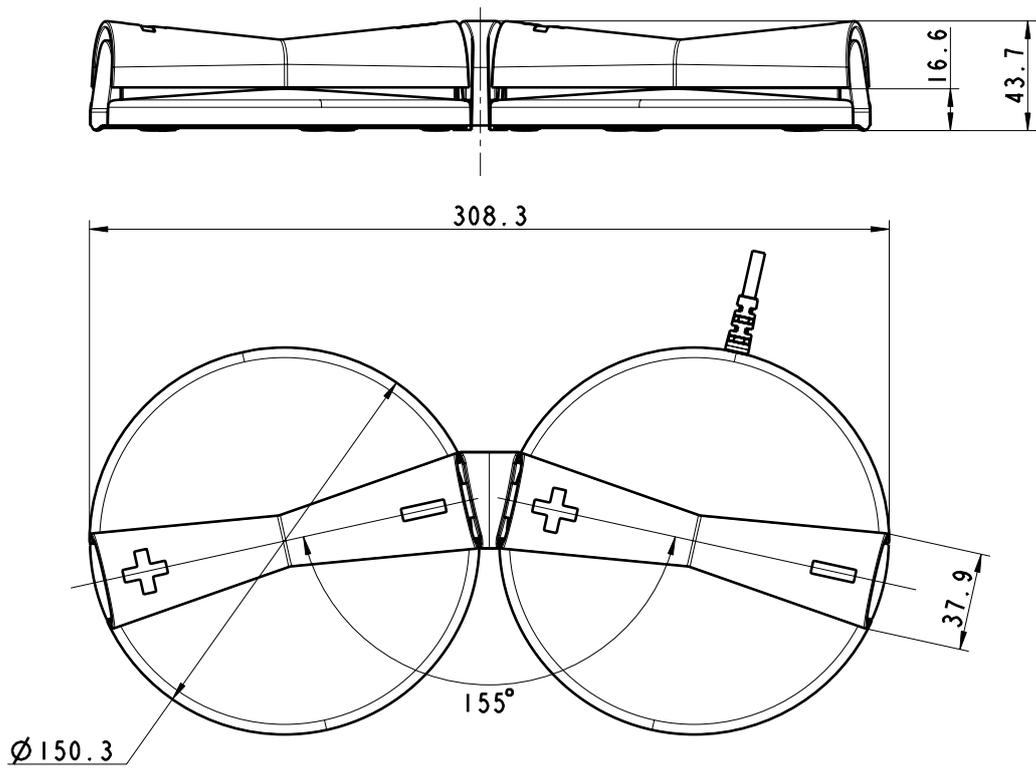
Dimensions for 2 channel beds model with cable (analogue and OpenBus versions)

20.4

Cable

37.9

37.9

150

150
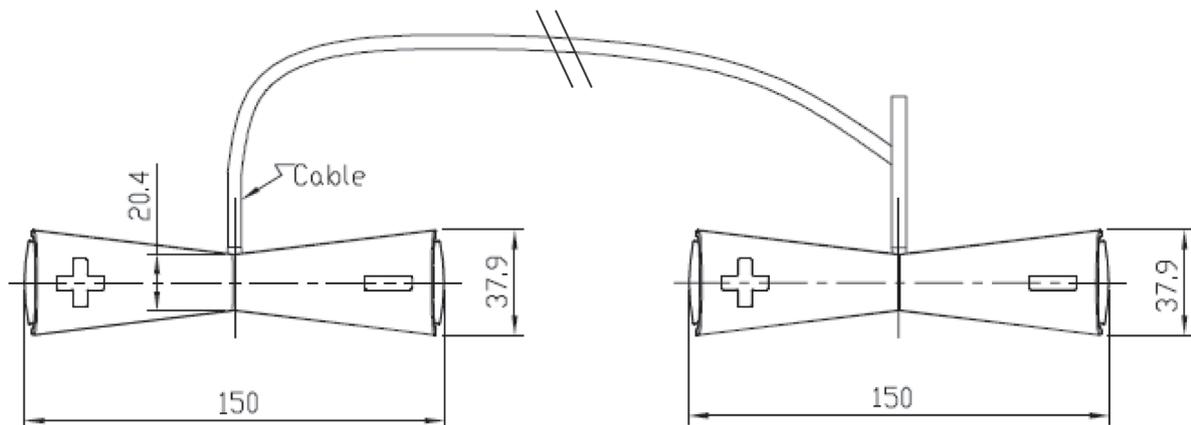
Dimensions for single FS3 wireless version

Ø 150.3

LED

16.6

43.6

37.9
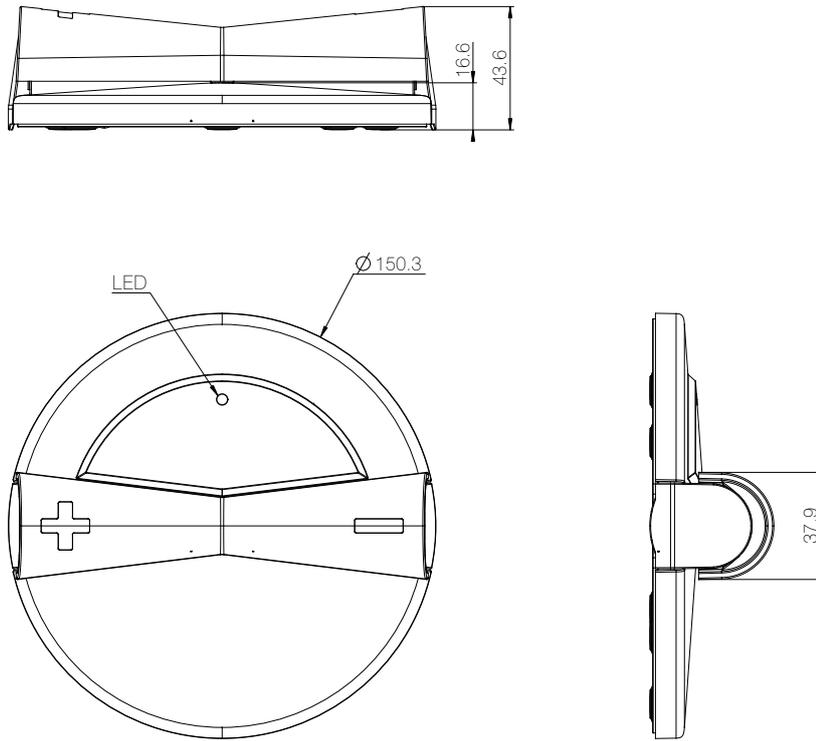
Drawing no.: 05801w4001

Dimensions for double FS3 wireless version

16.6

43.6

308.3

37.9

Ø 150.3

155°
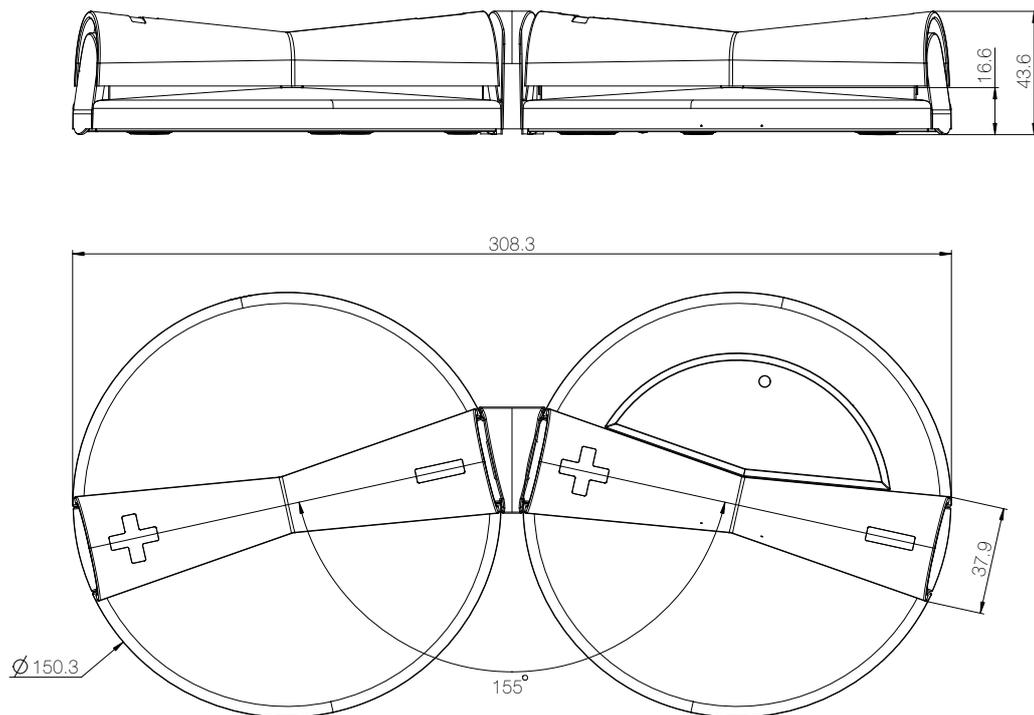
Drawing no.: 05801w4002

Foot Switch FS3
E-con ordering example:

F S 3 2 0 1 2 0 0 0 0 0 0 0 6 - G 0 0 0 0 0 0 0 0 D 0 1 0 0 0

Not used	**0**	= None
FS3 cable length:	**0**	= No cable (for wireless version only)
	1	= Straight 2000 mm
	2	= Straight 1000 mm
	3	= Coil 600 mm (only for OB variants)
	X	= Special
FS3 cable material	**0**	= No cable (for wireless version only)
	1	= PU
FS3 cable plug type	**D**	= DIN (CB8/9)
	M	= Modular (CB6/CA/CO)
	N	= No plug, wireless (CA63/CO71)
FS3 cable colour	**0**	= Grey RAL7035
	1	= No cable (for wireless version only)
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
	-	= None
IP-degree:	**6**	= IPX6 (floor version and wireless floor version)
	W	= IPX6 Washable DURA™ (bed version only)
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
	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

FCC and IC Statements

For RF-emitting products (e.g. Bluetooth®, Wi-Fi) intended to be used on the North American continent, the following applies:

FCC statement

NOTE: 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. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help

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

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.

IC statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) L' appareil ne doit pas produire de brouillage;

(2) L' appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d' en compromettre le fonctionnement.

Combination possibilities

	FS3 Floor version 1 ch		FS3 Floor version 2 ch		FS3 Bed version 1 ch		FS3 Bed version 2 ch		FS3 Wireless
	Analogue	OpenBus	Analogue	OpenBus	Analogue	OpenBus	Analogue	OpenBus	Bluetooth®
CB	CB6, CB8, CB9, CB140, CA30, CA40	CB6S, CB16, CB20	CB6, CB8, CB9, CB140, CA30, CA40	CB6S, CB16, CB20	CB6, CB8, CB9, CB140, CA30, CA40	CB6S, CB16, CB20	CB6, CB8, CB9, CB140, CA30, CA40	CB6S, CB16, CB20	CA63, CO71,
Cable type	Cable straight 2000	Cable straight 1000, 2000 cable coiled 600	Cable straight 2000	Cable straight 1000, 2000 cable coiled 600	Cable straight 2000	Cable straight 1000, 2000	Cable straight 2000, interconnection 1400*	Cable straight 2000, interconnection 1400*	N/A
Plug type	RJ45 (only CB6, CA30, CA40), DIN plug	RJ45 OpenBus	RJ45 (only CB6, CA30, CA40), DIN plug	RJ45 OpenBus	RJ45 (only CB6, CA30, CA40), DIN plug	RJ45 OpenBus	RJ45 (only CB6, CA30, CA40), DIN plug	RJ45 OpenBus	N/A
CBJH					Plug type: RJ45 Cable: straight 2000				N/A
CBJ1, CBJ2, CBJC					Plug type: DIN plug Cable: straight 2000				N/A
CBJC					Plug type: DIN plug Cable: straight 2000				N/A

* Cable material is PVC which is sufficient for a cable mounted between two foot switches with fixed mounting in an application.
  It is in accordance with LINAK cable guidances.