Modular Junction Box - MJB2

Data Sheet



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Introduction



The MJB2 is a compact 2-port repeater designed for use together with analogue or OpenBus™ control boxes. It is optimised for use in systems where 1 extra port is needed for easy connection of a hand control, a foot switch or an accessory like the UBL. It is easy to integrate in a wide range of healthcare applications such as hospital beds, surgery tables, and treatment chairs.

The MJB2 offers quick and easy mounting via cable tie or screws.

IPX6 Washable DURA™ helps prolong the lifetime and makes the MJB2 ready for wash tunnels and high-pressure washdown.

Features and options

Port connections:	Up to two controls of various types with modular jack plug
Colour:	Light Grey, RAL 7035
Protection Class.	IPX6, IPX6 Washable DURA™
Mounting:	Fixed mounting via 2 screws, type ISO4762-M5X30
	or via two cable ties
Cable lengths:	550 mm, 1250 mm or 2500 mm
Cable types:	PVC cable with 10 wires for connection to analogue control boxes or 6 wires for OpenBus™ control boxes

Usage

Usage temperature	+5 °C to +40 °C
Storage temperature	-10 °C to +50 °C
Compatibility	Connection to LINAK OpenBus and analogue control boxes
Relative humidity	20% to 80% – not condensing
Atmospheric pressure	700 to 1060 hPa
Latex free	Yes
Approvals	IEC 60601-1
	ANSI/AAMI ES60601-1
	CAN/CSA-22.2 No 60601-1

Functionality

The MJB2 is used where there is a need for more ports than available on the control box. The MJB2 offers one extra port repeater for controls and accessories like hand controls, foot switches, UBL, SLS, etc. The MJB2 is only to be used as a port repeater, it is not programmable.

Ordering example

Type	MJB2			
Not Used	0			
Not Used	0			
IP Degree	2	2	=	IPX6
		9	=	IPX6 Washable DURA™ *)
Housing colour	-	-	=	RAL7035
Cable type	0	0	=	6 Wires
		1	=	10 Wires *)
		2	=	8 Wires LCi™ (only with 300mm length)**)
Cable length	0550	0300	=	300 mm (only with 8 Wires LCi™ option)**)
		0550	=	550 mm
		1250	=	1250 mm
		2500	=	2500 mm
Chosen item number:	MJB2002-00550			

*) MJB2 10 wires analogue version in combination with DURA is upon request.

**) Only available with IP degree IPX6 (Washable DURA) with 300 mm and 8 wires LCi.

Information

- Cable locks are included when ordering the MJB2.

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: MJB

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

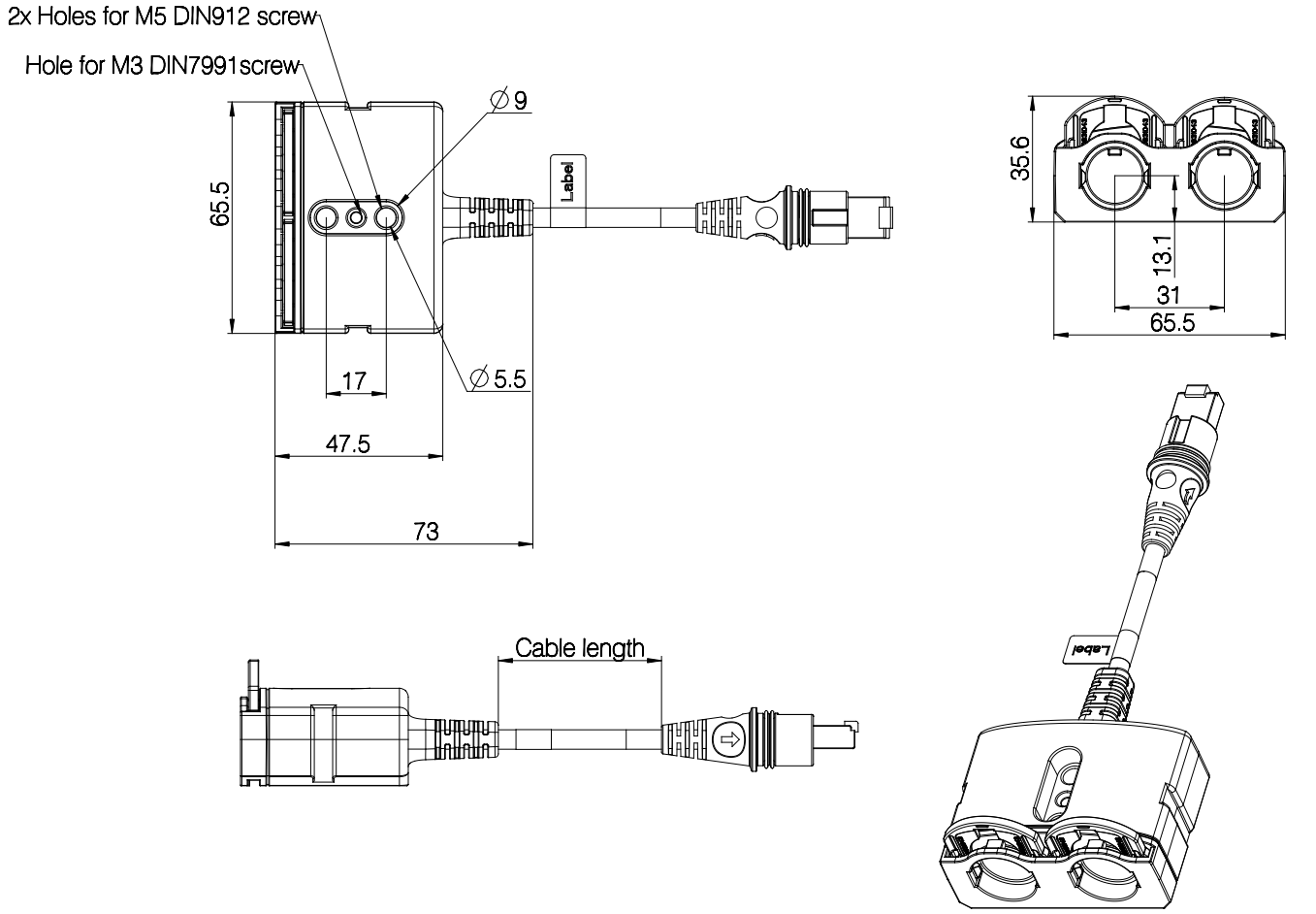
Listed LINAK item for application approval: MJBSSS****S**S*

" * " 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

Dimensions



Drawing no.: 0829032

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