emoswitch-connect

Product data sheet

Cable connected Foot Switch

Instructions



1 FEATURES AND BENEFITS

- Cable connection via USB
- IP67
- IEC 60601-1- compliant
- UL Recognized Component
- RoHS- compliant
- 100% testing - every **emoswitch** is tested before shipping
- Housing made of natural anodized aluminum, pedals made of steel
- Made in Germany

2 GENERAL DESCRIPTION

EMO Systems GmbH stands for innovative foot switch solutions of the highest quality. With the **emoswitch**, we offer both proven standard versions and customized, customer-specific variants. The **emoswitch-connect** is available with one or two pedals and connects via USB cable.

Designed for professional use, all **emoswitch** foot switches meet the highest standards of safety, ergonomics, and design. Their robust, waterproof, and exceptionally flat construction ensures maximum ease of use and a long service life – even under demanding conditions. The materials used are resistant to common disinfectants and cleaning agents, making them ideal for everyday medical use.

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In combination with medical devices, the **emoswitch** ensures reliable operation in the patient environment. Each **emoswitch** meets the design requirements of the IEC 60601-1 standard.

In addition, the UL certification underlines its international usability: The **emoswitch** is therefore also approved for the Canadian and US markets.

3 APPLICATIONS

The **emoswitch-connect** uses a HID connection and is recognized by the end device as a keyboard input device.

The **emoswitch-connect** footswitches are delivered with pre-programmed key assignments. These cannot be changed individually.

Key assignment for the emoswitch-connect-single (A10304): F6

Key assignment for the emoswitch-connect-double (A10305): Left = F6; Right = F8

An intended key assignment can only be changed by EMO Systems GmbH.

4 VARIANT OVERVIEW

The **emoswitch-connect** is available in the following versions:

- **emoswitch-connect-single** (A10304)
- **emoswitch-connect-double** (A10305)

There are several options available to customize the base model to your needs.

The housing is milled from high-quality aluminum. The standard finish is natural anodized. Color anodizing is also available as an option.

The base and pedals are made of stainless steel and can also be finished with various surface treatments.

The switching functions can be identified by laser markings, stickers, or engravings on the housing and pedals, or by a color code.

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5 DRAWINGS

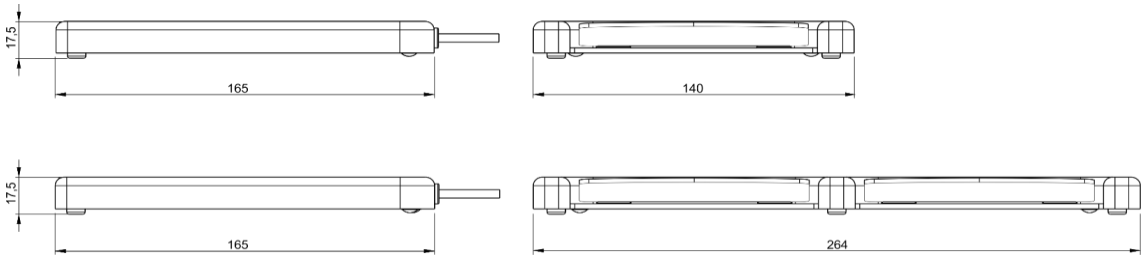


Fig. 1 Dimensional drawing of emoswitch-connect. All dimensions in millimeters.

6 COMMISSIONING

To use the **emoswitch-connect**, you will need a free USB-A port on your computer.

Plug the USB receiver into a free USB port on your computer. Then test its functionality by pressing a pedal. An LED on the USB receiver should light up when pressed. Place the footswitch within a 10-meter radius of the receiver at the location where it will be used.

7 SAFETY INSTRUCTIONS

The **emoswitch-connect** is not suitable for triggering safety-relevant control commands (e.g., for winches, laser systems, etc.).

8 HOW IT WORKS

The **emoswitch-connect** is recognized by the computer as a standard keyboard. No additional driver is required to operate the foot switch.

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9 SPECIFICATIONS

Technical data:

Cable Length	2,75 m
Cable Length USB-Adaptor	0,2 m
USB Standard	USB 2.0 and later
Protection class (Housing)	IP65
Protection class (USB-Adaptor)	IP40
Weight	
emoswitch-connect-single	1 kg
emoswitch-connect-double	1,8 kg

Classification:

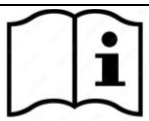
Manufacturer	EMO Systems GmbH
Company headquarters	Berlin, Germany
Product name	emoswitch-wireless
Item number	
emoswitch-connect-single	A10304
emoswitch-connect-double	A10305
Operating conditions	
Temperature	1°C to 45°C (typical 25°C)
Humidity	10% to 90% (non-condensing)
Air pressure	860 hPa to 1060 hPa
Storage and transportation	
Temperature	-25°C to 70°C (typical 25°C)
Humidity	10% to 90% (non-condensing)
Air pressure	600 hPa to 1060 hPa

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10 MAINTENANCE

The **emoswitch-connect** is maintenance-free when used as intended.

11 PRODUCT IDENTIFICATIONS

CE	This mark confirms the product's conformity with all applicable EU directives.
UKCA	The UKCA mark is a conformity mark that indicates compliance with the applicable requirements for products sold in Great Britain.
c US E362969	Identifies the product as UL „Recognized Component “; File No. E362969.
	Read the operating instructions and this data sheet before commissioning.
	This product must not be disposed of with household waste.
	This product contains no lead-based substances and was manufactured with lead-free solder.
RoHS compliant	This product complies with the requirements of the current EU directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

12 ACCESSORIES

There are currently no accessories available for the **emoswitch** footswitches.

13 QUALITY

EMO Systems GmbH maintains a certified quality management system for development and manufacturing according to ISO 9001 and ISO 13485. Every **emoswitch** undergoes a comprehensive quality check before delivery.

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14 PACKAGING

Package contents:

- 1 **emoswitch-connect** foot switch according to the order.
- 1 USB adapter

15 ENVIRONMENTAL PROTECTION NOTICE

This device contains electronic components.

- It must be returned to the manufacturer for disposal after use.
- It must not be disposed of with household waste.

16 CONTACT AND SUPPORT

You can find the current contact details on our website.: https://emosystems.de/en/downloads/

Or you can reach us by email at the following address: support@emosystems.de

17 LEGAL NOTICES

The information on this data sheet has been compiled to the best of our knowledge and with the utmost care. Nevertheless, we cannot guarantee that it is completely error-free.

The user is responsible and liable for the proper use of this product; we assume no liability. We reserve the right to make changes to this data sheet without prior notice.

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