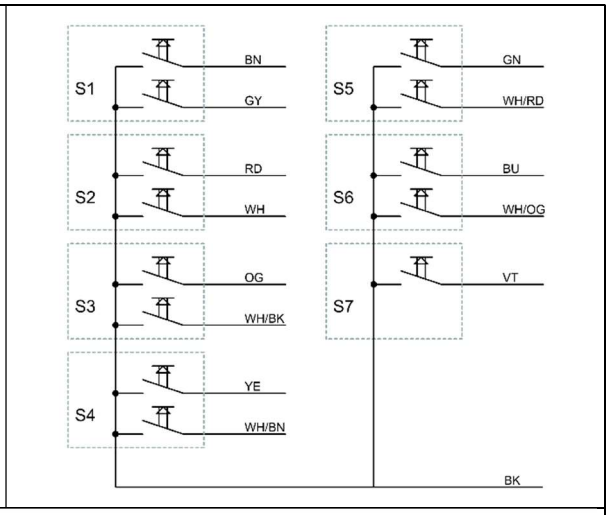
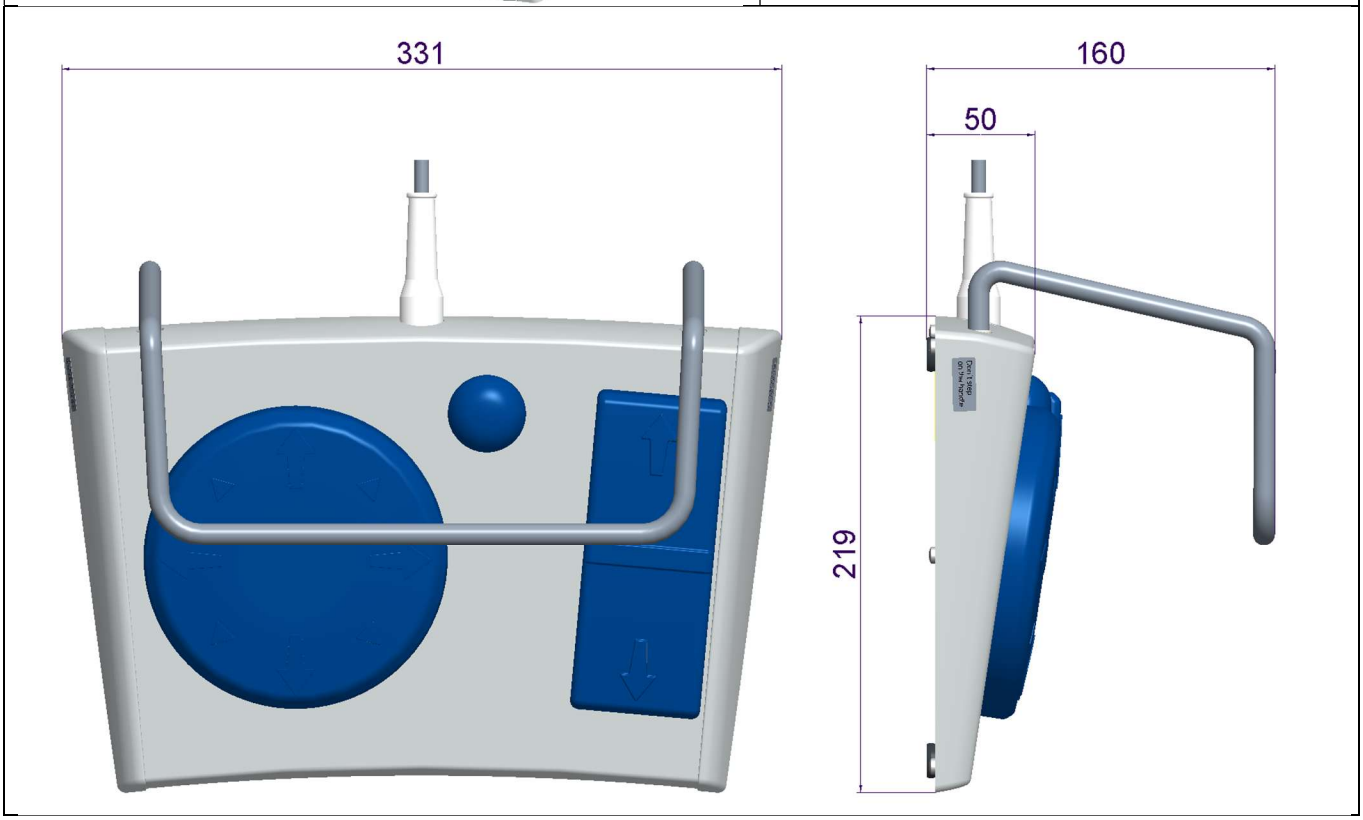
Product name: MFS MED GP712
Part-no.: 1349643

Specification
• Baseplate GP712 with optional carrying handle
• Joypad, diagonal switching (B14A)
• rocker switch for fast changing between 2 functions (2PW/2PW)
• Additional pushbutton (actuator B7F)
• up to 2A switching current





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Technical Data

Applied standards	IEC 60601-1 (Basic Safety) IEC 60529 (Degrees of protection) IEC 60601-2-2 (HF) IEC 60601-2-43 (X-ray) Note: see CSA certificate for corresponding revision level.
Existing certifications	CSA: certificate 180133-2503504 (80007964)
Enclosure	shockproof thermoplastic, self-extinguishing (TSG) / RAL7035 / light grey
Collars	Silicone, RAL5005 / signal blue
Carrying handle	Niro 1.4301 / Surface treatment: electro polished
Joypad enclosure	shockproof thermoplastic, self-extinguishing
Rocker switch enclosure	shockproof thermoplastic, self-extinguishing
Actuator housing	shockproof thermoplastic, self-extinguishing
Degree of protection	IPX8 (1m / 35 Min.) according to DIN EN 60529
Contact element and material	joypad: micro switch/silver rocker switch: micro switch/silver actuators: micro switch/silver
Connection type	2,5 m shielded cable (16xAWG22 LiYCY UL- 2464 BK)
Mechanical lifetime	>1 Mill. operations

Electrical Ratings

Switching voltage (U_B)	max. 25 V AC / 60 V DC
Switching current (I_B)	max. 2 A
Switching capacity (P_B)	max. 48 W

Environmental Conditions

	Storage/Transport	Operating
Temperature range	-40 °C up to +70 °C	-10 °C up to +60 °C
Relative humidity	10 % up to 100 %	10 % up to 100 %
Air pressure	500 hPa – 1120 hPa	800 hPa – 1060 hPa

Mounting/Wiring

Wire the foot switches according to the specified wire colours/terminal labelling. Contact symbols are shown for a not actuated switch.

Maintenance

Depending on the environmental/operating conditions we recommend routine maintenance as follows:

- Check enclosure and connecting cable for damage and destructive dirt
- Check functional elements and actuating elements for free operation
- For only manual cleaning, use just a cloth impregnated with water and a mild detergent.
- Do not use cleaning agents which may damage the plastic surfaces such as detergents, abrasive cleansers or solvent-based cleaners such as benzine, stain remover).
- During cleaning, avoid wiping with a cloth under the pedal, because this may cause the springs to move out of position.

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Disposal

- Observe national, local and legal regulations concerning disposal.
- Recycle each material separately.

General notes

The foot switch as a component of a medical device can be evaluated only together in the overall system of the customer. Therefore the conformity evaluation including the classification of the overall system according to the Medial Device Directive 93/42/EEC respectively EU Medical Device Regulation 2017/745 must be carried out at the customer. In addition, validation can also only be carried out by the customer in the overall system.

Furthermore, the intended use and the basic functions are verifiable only in interaction with the overall system. As a result, the customer must involve the footswitch in his risk management, his usability analysis, the verification of the electromagnetic compatibility and, if applicable, the verification of the biocompatibility.

afety instructions

Despite careful production and inspection as well as redundant design of important components, an entirely safe function cannot be guaranteed at all times guaranteed (in case of malfunction, for example, a switch contact can turn off incorrectly, or a spring may break).

A functional test must be performed before every operation.

Risk of injury due to incorrect handling!

- The plug connections must not be subjected to mechanical loads!
- Switch off terminal before cleaning or maintenance work!
- Test functions when device is switched back on!
- Moving actuating components (e.g. carrying handle) can be a crushing hazard!
- Tripping hazard!

If components with reed contacts or hall sensors are used, strong magnetic fields can result in unwanted influences to the system. Additionally, magnetically conducting materials are to be kept away from the direct foot switch area!

The electrical connection may only be carried out by authorised personnel.

Components, especially pedals or other actuating elements, may not be dissembled or dismembered under any circumstances! If this happens the products need to be send back immediately.

Errors and omissions excepted.

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