

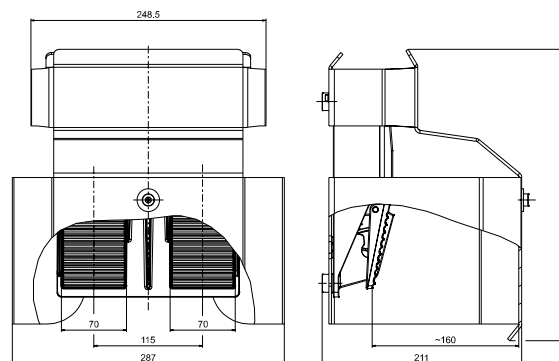


Wireless foot switch RF GFS 2 XL SW2.4LE-IND Article no.: on request

Product features

- Metal enclosure
- Extra large protective shield XL
- sWave® 2.4 GHz Low Energy wireless technology
- Point-to-Point connection
- Comfortable pairing with no opening of the switch
- Frequency hopping: 40 frequencies (100 hops/s)
- Rechargeable battery
- LED display for battery status and connectivity
- Available soon

Dimensions



General technical data

Applied standards

EN 300 328 V2.2.2, EN 301 489-1 V2.2.3, EN 301 489-17 V3.2.4,
EN 62479, EN IEC 62368-1, EN 60947-5-1, EN IEC 63000

Enclosure

aluminium die-cast, powder-coated, RAL 7016

Cover

aluminium die-cast, powder-coated, RAL 1003

Protective shield

steel, powder-coated, RAL 1003

Pedal

thermoplastic, glass-fibre reinforced, shockproof, self-extinguishing UL 94 V-0

Degree of protection

IP67 (IEC/EN 60529)

Transmission incl. frequency change

max. 20 ms

Synchronisation after sleep mode

67 ms (typical), 110 ms (max)

Current consumption

active: < 12.2 mA, sleep: < 0.13 mA

Mechanical life

> 1 million operations

Switching elements

2 NO contacts per pedal

Rated operating voltage U_e

7.5/9.0 VDC $\pm 10\%$

Rated operating current I_e

< 600 mA

Ambient temperature

-20 °C ... +60 °C

Storage and shipping temperature

-20 °C ... +60 °C

Ambient temperature charging

0 °C ... +40 °C

Shock resistance

10 g / 16 ms / 1000 impacts per axis

LED display

Connect LED

red: fatal error

flashing red: device in pairing mode

off: device in sleep mode

green: wireless connection established

flashing green slowly: wireless connection established,
reception quality limited

flashing green fast: device is establishing a wireless
connection

Battery LED (charging mode)

flashing green: battery is charging

green: battery fully charged

Battery LED (normal mode)

green: battery 50% - 100% charged

orange: battery 20% - 50% charged

flashing orange: battery 5% - 20% charged

flashing orange fast: battery exhausted

Vibration resistance

5 g (10-150 Hz), 0.35 mm, 20 cycles

Wireless approvals

Europe: RED 2014/53/EU

USA: FCC-Id. XK5-SW24LE

Canada: IC - 5158A-SW24LE

Japan:  ARIB STD-T66: 204-650001

Errors and omissions excepted.



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Wireless technology

Protocol
sWave®

Frequency
2.4 - 2.4835 GHz

Transmission power
max. 10 dBm (10mW)

Data rate
1000 kbps

Wireless range
max. 45 m indoors

Channel spacing
2000 kHz

Modulation type
GFSK, adaptive frequency hopping of 40 channels

Voltage supply

Voltage source
rechargeable lithium ion battery

Charging current
max. 540 mA

Nominal voltage
3.6 V

Nominal capacity
2.9 Ah (usable capacity approx. 95%)

Charging device
power supply 9.0 V/1.33 A; 1.5 m cable with plug-in connector
(EURO, USA/JAPAN)

Battery life
after 500 charging cycles 2 Ah battery capacity

