

funktel GSM Switch

ISM alarm forwarding



- Built-in ISM transceiver (no voice!)
- Notification of received alarms via alarm relay
- Wired alarm forwarding to I/O box (alarm control centre)
- Programmable via Ethernet (WebUI)



Optimal upgrade,
when connectivity is required

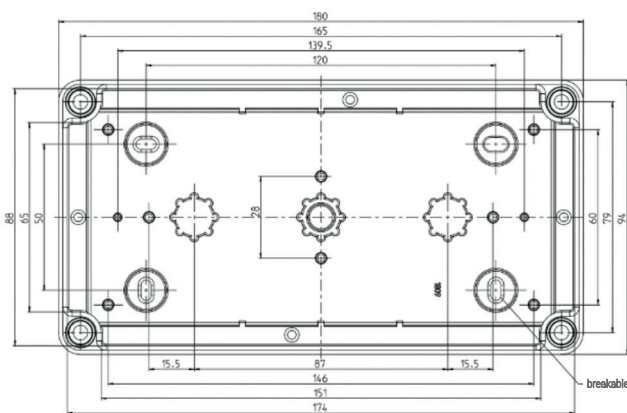
funktel FM Switch



Scope of supply

- Switch in a robust housing
- Plug-in power supply
- M16 x 15 PG thread fitting and dummy caps

Basic dimensions



Installation accessories for housing

The following fastening material for the housing can be obtained from specialist retailers:

- Plastic manual operation accessory to snap onto the standard cover screw (HBA)
- Plastic external mounting brackets (TK ABL)
- Standard rails compliant with DIN EN 60715

Application and operating principle

The Switch offers enhanced connectivity in an existing installation:

If an emergency signal is detected within the reception range, a configurable output is available on the funktel Switch. Lamps, hooters, other signalling devices as well as I/O interfaces can be operated.

Technical data of the FM Switch

| | |
|--------------------|--|
| Part No.: | 5.010.430.405 |
| Dimensions: | 180 mm x 94 mm x 57 mm (W/H/D) |
| Housing: | Plastic housing with transparent cover grey RAL 7035, UL certified (UL 508 & CSA C22.2 No. 14-13, UL 50 & CSA 22.2 No. 94.1-7 & UL 50E & CSA C22.2 No. 94.2-7), DLG (ammonia resistance), DNV (Class: Vessels & offshore installations), Ui=690V AC, Ui=1000V DC, for installations in industrial environments and protected outdoor area liners, M16/M20, (11 lateral) feedthrough for LAN and power supply |
| Protection class: | IP65 Switch (plug-in power supply IP40) |
| Mass: | 430 g (plus plug-in power supply 80 g) |
| Impact resistance: | IK08 housing |
| Temperature range: | -20 °C ... + 60 °C |
| Power supply: | 5 V plug-in power supply 110-240 V, 50/60 Hz Cable length 1m |
| Relative humidity: | 20 % – 90 % non-condensed |
| Range*: | Typically 40 m in buildings, depending on the environment |
| Status indicator: | Green, red, yellow LEDs: Green: Ready to operate Red: Fault Yellow: Alarm processing |
| Administration: | WEB interface |
| ISM interface: | Network ID not configurable (default none) |
| Contact: | Alarm relay: bistable Configurable switching times (1 – 30 seconds) |
| Contact current: | 2A |
| Contact voltage: | 30V DC |

*) Depending on the structure of the building and variable environmental conditions

