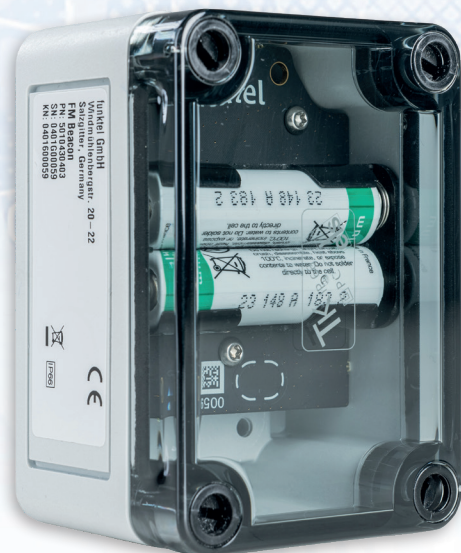


funktel FM Beacon

Beacon ISM



- Beacon with internal antenna
- Small and compact design
- Power-independent thanks to battery operation, cable-free installation
- Transmitter power can be set at 8 levels on the device
- Transmission of a „battery low“ signal
- Can be parameterised by means of an FM service stick
- Intuitive operability and start-up
- Optionally upgradeable
- System detection in the case of adjacent installations

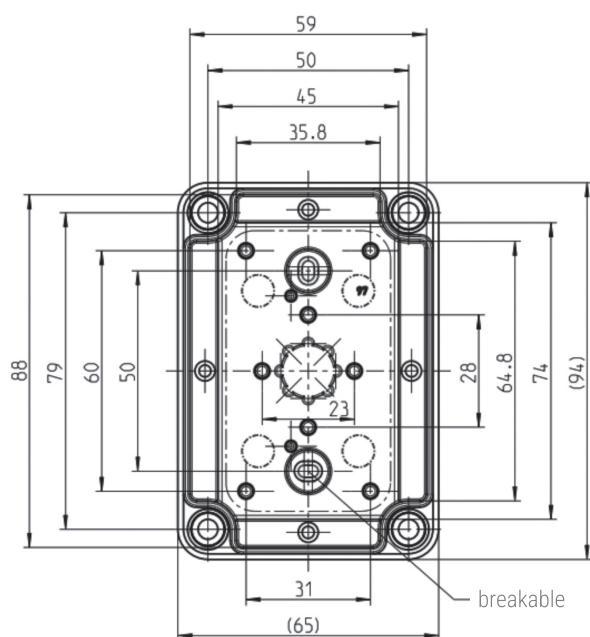


Rapid and precise assistance
at the right time, at the right place

Scope of supply

- Beacon in a robust housing
- 2 AA lithium 3,6 V batteries

Basic dimensions



Technical data of the FM Beacon

Part No.:	5.010.430.403
Dimensions:	65 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, (6 lateral)
Protection class:	IP66
Mass:	180 g with battery
Impact resistance:	IK08 housing
Temperature range:	-20 °C ... + 60 °C (briefly to +85° C)
Storage:	10 °C to 30 °C with battery, -30 °C to 60 °C without battery
Power supply:	2 AA lithium 3,6 V batteries
Relative humidity:	20 % – 90 % non-condensed
Service life*:	Beacon ECO mode up to 10 years Beacon mode up to 2 years
Transmission frequency:	ISM band 863 – 870 MHz
Range**:	Typically 30 m inside buildings and a maximum of 200 m outdoors adjustable, 1 to 200 m, depending on environment
Status indicator:	Green LED: Transmitting identifier, Red LED: Swap battery
Administration:	ISM Configurator

*) Typical operating time depending on selected configuration

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

Application and operating principle

A lone worker requires rapid assistance in the event of an incident/accident. Once an emergency call has been triggered via the GSM personal emergency signal device, the location of the incident/accident must be transmitted to the first responders immediately so that no time is wasted in needlessly searching entire buildings or the factory site. The FM Beacon provides this precise localisation information.

For this purpose, the beacon is permanently installed and transmits an identifier at intervals of seconds. As soon as one of the GSM personal emergency signal devices is within range, it stores the identifier and forwards this together with the emergency call message to the alarm control centre in the event of an emergency. The location of the incident/accident is indicated there and it is transmitted to the rescue services by means of a plain text message.

The FM Beacon may only be commissioned by trained personnel. Comply with the ESD safety measures.

Optional upgrades

- **Spare battery**
Lithium 3,6 V / 7,2 Ah for FM Beacon –
2 pieces are required per beacon

