

funktel FM Gateway

ISM alarm forwarding



- Built-in ISM transceiver (no voice!)
- Report of incoming alert messages via alarm relay
- Built-in error-reporting relay
- Input interface for relay control
- Integrated ECO beacon function
- Programmable via Ethernet (WebUI)



Optimal upgrade,
when connectivity is required

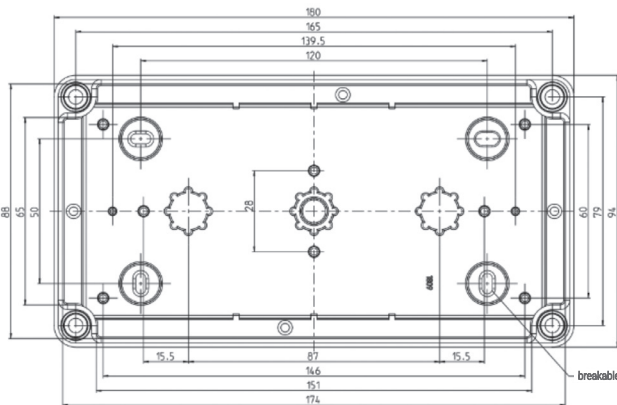
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Scope of supply

- Gateway in a robust housing
- Plug-in power supply
- M16 x15 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

For greater connectivity, the Gateway offers:

1. A configurable output on the funknel Gateway for situations in which an emergency signal is detected on the ISM band within the reception range. The ability to operate lamps, hooters, other signalling devices as well as I/O interfaces.
2. Fault indications can be transmitted by means of the additional-potential free relay output.

Technical data of the FM Gateway

Part No.:	5.010.430.404
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 Gateway (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 30 m in buildings, depending on the environment
Status indicator:	Green, red, yellow LEDs: Green: ready to operate Red: Relay fault Yellow: Alarm processing
Administration:	ISM Configurator WEB interface
ISM interface:	Configurable network ID
Contact:	Alarm relay: bistable Configurable switching times (1 - 30 seconds) Error reporting relay - Quiescent relay
Contact current:	2A
Contact voltage:	30V DC

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



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The right to make technical changes is reserved.
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