BEACON EX

Seamless locating for interior and exterior areas of the company premises

FELSENMEER

BEACON EX

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

🔧 Wireless assembly

🧭 Resolution with 8-step adjustment 1-200 m

👆 Easy to use

▦ Can be adjusted individually to your work situation

📡 Transmission frequency every 4 seconds

🔒 Tested safety as per DGUV rule 112-139 (formerly BGR 139)

II 3G Ex ic IIB T4 Gc
II 3D Ex ic IIIC T135 °C IP6X Dc

Operation and functional mode

Helpers have to reach the lone worker quickly if he had an accident. For this purpose, they need to know where the accident took place, otherwise, they waste valuable time searching the entire building or site. Felsenmeer BEACON EX provides this precise location information.

A locator beacon is wirelessly installed in a fixed location for this purpose. This location is stored with the Felsenmeer BEACON EX identifier in an alarm management software such as the Felsenmeer Control Centre. The BEACON EX sends its identifier every four seconds. As soon as one of our handsets is in its reach, this identifier is detected and the alarm situation is transmitted.

Technical data

Product name	**BEACON EX**
Item no.	1201081
Housing qualification	IP66, IK08, UL94-V0
Mass	80 mm x 75 mm x 55 mm
Weight	335 g with battery
Transmission range	Typically 40 m, adjustable 1m to 200 m, Dependent on environment
Ex	II 3G Ex ic IIB T4 Gc II 3D Ex ic IIIC T135 °C IP6X Dc
Temperature	-40 °C to +85 °C in safe environments
Operating duration	2 years typically, 3 years maximum
Storage	0 °C to 30 °C with battery, -30 °C to 60 °C without battery
Battery	2x Saft LS14500EX (LiSOCl2 3.6 V, size AA, 2.6 Ah)
Transmission frequency	ISM band for general alarms, 869.6875 MHz, 25 kHz channel bandwidth

Delivery scope

- BEACON EX
- 2x Saft LS14500EX batteries (LiSOCl$_2$ 3.6 V, size AA, 2.6 Ah)
- Commissioning instructions in German and English
- As download: Operating instructions in German and English

you'll never work alone

Felsenmeer Personal-emergency signal plant

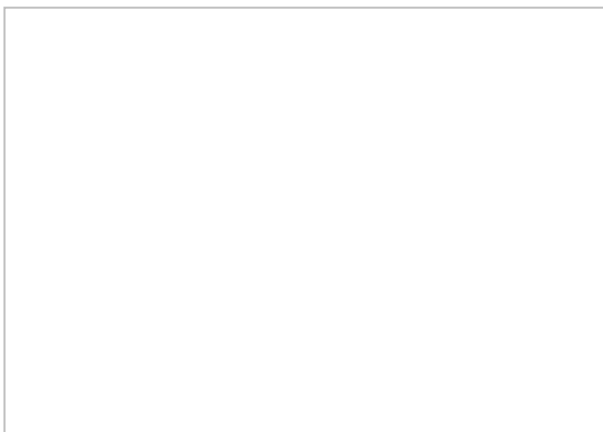### SHALOSH ECO

BEACON ECO

FELSENMEER ALARM CENTRE

GSM S EX PLUS

BEACON EX

FELSENMEER ALARM SERVER

Your contact

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