KILCHHERR Elektronik

Description

The K-TERM 70 beacon transmitter is used in In-house localization systems.

It transmits a unique identifying information together with additional service information.

The beacon is configured with the K-TERM Setup Program. It allows to set the transmission power level and the transmission interval.

Depending on the mounting position, the range depends on the adjusted power level and is between 0.5m up to 25 meters.

The battery supports operation for up to three or more years. It depends on the transmission settings and the type of battery installed.

Specification

Frequency	868.35 MHz
	916.50 MHz
Transmitting power	0,1 ~ 0,75mW
Temperature range	-25°C ~ 85°C

Battery life

- Li/SOCl$_2$ 19 Ah	3 Years*

*Two Transmissions per Second and highest transmitting power level.

Dimensions (l, b, h), Weight
- IC   12 x 8 x 5.5 cm / 250gr
- SC   9.8 x 6.4 x 3.8 cm / 200gr
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Approved to	ETSI I-ETS 300 220
	FCC, IC, CE

Standard case   Type IC

The standard case is a robust ABS case. It is IP65 approved. The mounting screws are outside of the electronic chamber.
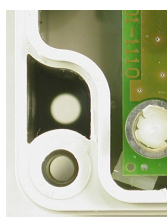

Product Numbers

K-TERM 70 IC   6.01.18.0100
Europe 868.35MHz
Case IP65, standard version

K-TERM 70 IC   6.01.18.0200
USAS, Canada 916.5MHz
Case IP65, standard version

Battery 19 Ah   6.01.18.1000
Li/SOCl$_2$ −55°C ~ +85°C

Installation   Type IC & SC

The screws for mounting the case on the wall is outside of the electronic compartment. This warrants the IP65 compatibility.

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