

Engelmann Repeater

Repeater



- **Flexible setting of sending and receiving times 24/7**
- **Automatic meter installation**
- **Very good transmitting and receiving performance**
- **Independent site assembly through battery operation**

Technical data

Casing

Repeater casing (H x W x D)	Mm	150 x 150 x 53
Protection index		IP40
Material		UL 94 HB; flame-retardant, UV resistant PC/ABS

General

Voltage	V	3.6 DC; lithium battery
Ambient temperature	°C	Operation: 0 ... 50; Warehouse: -10 ... +55
Antenna		2 internal antennas
Conformance		2014/53/EU, 2011/65/EU, EN 301489, EN 62368-1, EN 61000-6-1

Radio characteristics

Radio operation		OMS (Open Metering System)
Radio chipset		to wireless M-Bus (wM-Bus) M-Bus RF [EN 13757-3/4]
Frequency	Mhz	T, C mode: 868.95; S mode: 868.3 (for use additional software needed)
Input		T / C combination (Default)
Output		C (Default) or selectable: T
Output power		maximum +14dBm
Sensitivity		up to -105 dBm
Number of Devices		up to 932

Controls

Permanent magnet switch		Activation: Installation, Configuration Mode
Dongle (optional Part No. 0500000079)		Configuration Tool

Engelmann-Default-Settings

Single-Hop
 Input: T/C (combination)
 Output: C
 Listen Time : 25 min / Mon – Sun
 Start Time : 08 :00 AM, UTC Time
 Magnet-Timer : 60 minutes
 Automattical device installation
 Batterie connected
 Clock activated