



Bluetooth® Low Energy Beacon

LOC 01 SC

- Compatible with Bluetooth® Low Energy from version 4.0
- Range inside buildings up to 30 m, outdoors up to 200 m (Geolocation)
- Possibility to change important operating parameters "over the air"
- Open firmware for individual BLE profile development (TI CC2541)
- UV-resistant housing according to IP64 (can also be used outdoors)

Loc 01 SC, Rugged/Industrial



Function

The rugged, industrial Bluetooth® Low Energy beacon Loc 01 can be mounted directly to a suitable surface or easily adapted to the optional mounting plate, which facilitates battery replacement of the beacon. The Bluetooth Low Energy standard makes the beacons compatible with today's popular smartphones and tablets. They can be detected by these devices from a distance of up to 200 meters (outdoors). The beacon signals can be interpreted by the mobile device through custom applications, interacting with the user or other programs.

Technical Data

General specifications	
Color	black
Electrical specifications	
Battery type	Panasonic Powerline, LR06 1.5 V AA / Mignon / R6 Alkaline
Operating duration	approx. 2 years in continuous operation with factory setting
Interface	
Interface type	Bluetooth® Low Energy (from 4.0)
Transmitter frequency	1000 ms
Transmitter radiated power	max. 8 dBm
Detection range	30 m range in buildings, max. 200 m outdoors
Protocol	ECOM Standard compatible with Android™ smartphones (UUID, Major ID, Minor ID, RX Power)
Software	
Approvals and certificates	
CE conformity	CE0102
Ambient conditions	
Ambient temperature	-20 ... 55 °C (-4 ... 131 °F)
Storage temperature	-30 ... 30 °C (-22 ... 86 °F)
Mechanical specifications	
Degree of protection	IP64
Mass	approx. 180 g (including batteries)
Dimensions	
W x H x D	111 mm x 102 mm x 48 mm
General information	
Scope of delivery	Loc 01 SC Batteries Documentation

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Accessories

Accessories for this product can be found on the internet at www.pepperl-fuchs.com.

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