C E

Model Number

MTO-C2

Code carrier

Features

- 8-digit decimal number as fix code
- 10 year battery life
- Battery life independent of the read/write operations
- Rugged housing
- Degree of protection IP67

Function

The code carrier can still be safely read from a distance of more than 3 m, even when several code carriers are located in the read zone
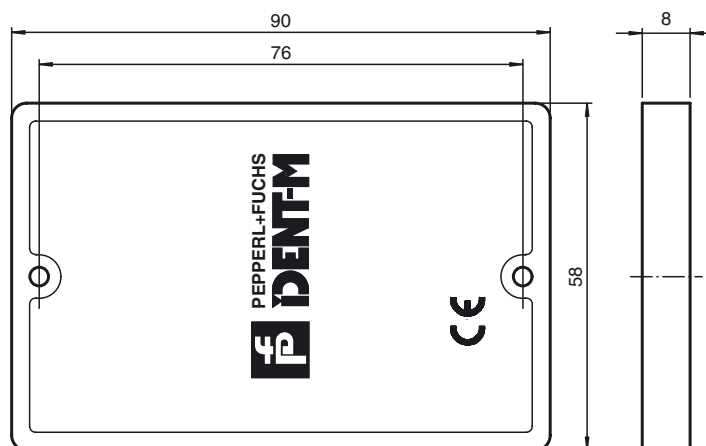
Each code carrier is delivered ex works with an invariable and unique 8-digit decimal number and a 32-bit test check sum, which detects the data carrier unambiguously and thus unmistakably. An ecologically friendly lithium cell assures a long action time regardless of the number of read processes. Towards the end of the capacity, one bit which can be evaluated by means of the read/write device during the next data transfer, is set in the status register of the code carrier.

The MTO-C2 code carrier is fixed with 2 M4 screws.

The C2 housing type is especially robust allowing for application in rough operating conditions.

The code carrier is vibration resistant, corrosion resistant, UV-stable, waterproof and resistant to chemicals.

Dimensions

Technical data

General specifications

Operating frequency	2.435 ... 2.465 GHz , channel separation 300 kHz

Memory

Memory capacity	an 8-digit decimal number as fixcode and 32-bit checksum
Battery life	typically 6 years

Ambient conditions

Ambient temperature	-40 ... 85 °C (-40 ... 185 °F)
Storage temperature	-20 ... 85 °C (-4 ... 185 °F)
Shock and impact resistance	40 G, 6 ms, in all 3 spatial axes 1000x according to IEC 68-2-29 Eb 500 G, on all 3 spatial axes, 100x according to IEC 68-2-27

Mechanical specifications

Degree of protection	IP67 according to EN 60529
Material	
Housing	Polymer
Mass	60 g

Compliance with standards and directives

Directive conformity	
R&TTE Directive 1995/5/EC	EN 60950, IEC 60215, ETS 300683, ETS 300440

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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