Code carrier

MTO-C1

- 8-digit decimal number as fix code
- Battery life expectancy 6 years
- Battery life independent of the read/write operations
- Credit card size
- Degree of protection IP67

Code carrier

CE

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

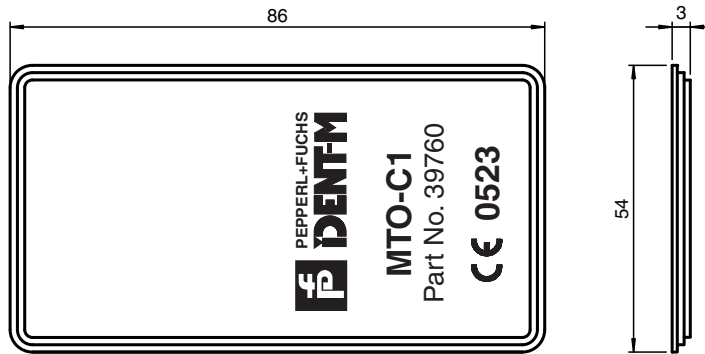| Pepperl+Fuchs Group | USA: +1 330 486 0001 | Germany: +49 621 776 1111 | Singapore: +65 6779 9091 | PEPPERL+FUCHS | 1 |
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Function

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-C1 code carrier can either be fixed with a clip, a card retainer, magnetically or with adhesive tape. In addition, it is provided with holes for M3 screws .
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
Directive conformity	
Electromagnetic compatibility	
R&TTE Directive 1995/5/EC	EN 60950, IEC 60215, ETS 300683, ETS 300440
Ambient conditions	
Ambient temperature	-20 ... 85 °C (-4 ... 185 °F)
Storage temperature	-20 ... 85 °C (-4 ... 185 °F)
Shock and impact resistance	shock: 500 G, 1 ms on all 3 spatial axes 100x according to IEC 68-2-27 impact: 40 G, 6 ms on all 3 spatial axes 1000x according to IEC 68-2-29 Eb
Mechanical specifications	
Degree of protection	IP67 according to EN 60529
Material	
Housing	Polymer
Installation	
In air	yes
Mass	15 g
Construction type	Rectangular type

Accessories

	MTA-C1V1	Card holder with fixing clip
	MTA-C1V2	Card holder for window mounting in vehicles

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