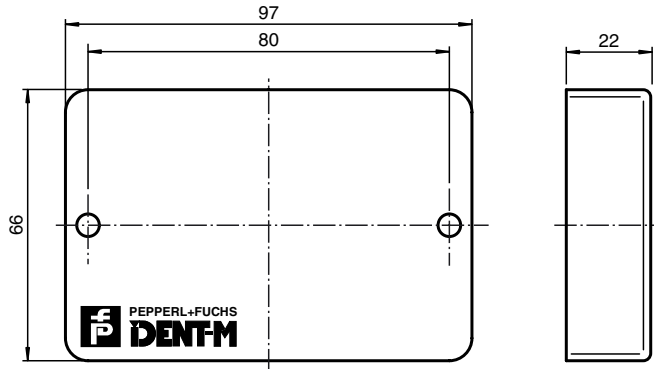




Dimensions



Model number

MVC-60B-64K-F-SH

Data carrier is glued in protective cover labelled with ID code and formatted

Features

- Replaceable battery
- 7168 bytes memory available
- Protection against mechanical damage and welding splash

Accessories

MVC-60B-64K-BC

Data carrier battery change

Technical data

General specifications

Operating frequency	2.45 GHz \pm 200 kHz
Transfer rate	76.8 kBit/s

Memory

Capacitance	8 kByte (7552 Bytes available for user data)
Battery life	approx. 5 years without read or write operations or approx. 15 mill. read operations on 64 bytes per access, battery is replaceable

Ambient conditions

Ambient temperature	-20 ... 70 °C (253 ... 343 K)
Storage temperature	-20 ... 70 °C (253 ... 343 K)
Shock and impact resistance	100 G, 13 ms on all 3 spatial axes, with 3 positive and negative accelerations on each, according to IEC 68-2-27

Mechanical specifications

Protection degree	IP65 according to EN 60529
Material	Housing: sPS Cover of battery box: PBT Protective cover: POM
Installation	horizontal and vertical \pm 45° arbitrary rotation
Mass	approx. 140 g

Notes

The MVC-60B-64K-F-SH is a combination of the data carrier MVC-60B-64K and the protective cover MVC-SH.

The data carrier is formatted and written with data according to the following table. The address range from 0000_{hex} to 000B_{hex} is protected against writing.

The protective cover is printed with a transponder number of 6 digits.

Address decimal	Address hexadecimal	Description	Format	Example ASCII
0	0000	Transponder number ¹⁾	ASCII	0
1	0001	Transponder number	ASCII	1
2	0002	Transponder number	ASCII	0
3	0003	Transponder number	ASCII	0
4	0004	Transponder number	ASCII	8
5	0005	Transponder number	ASCII	7
6	0006	Date: day ²⁾	ASCII	1
7	0007	Date: day	ASCII	3
8	0008	Date: month	ASCII	0
9	0009	Date: month	ASCII	6
10	000A	Date: year	ASCII	0
11	000B	Date: year	ASCII	3
12 to end	000C to end	empty	ASCII	#

1) The transponder number is additionally stored in the data carrier as ID code. The 6 digit ASCII value is stored as integer value as the id code consists of 4 bytes.

2) The date is the storage date of the data, format: DDDMMYY