



Model Number

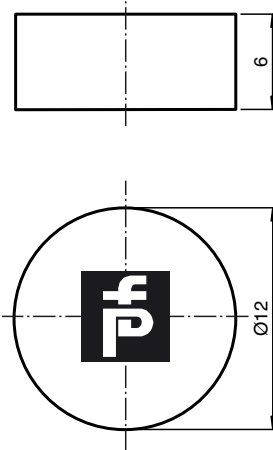
IDC-12-1K

Data carrier

Features

- Battery-free data carrier
- 1 kBit memory
- Readable and writable from the printed side
- Embeddable mountable in metal
- Protection degree IP67

Dimensions



Technical data

General specifications

Operating frequency	250 kHz
Transfer rate	7.8 kBit/s

Memory

Chip Type	P+F
Type/Size	EEPROM 1 kBit
Read cycles	unlimited
Write cycles	> 500000
Data retention period	110 years at 25 °C , 18 years at 50 °C

Ambient conditions

Ambient temperature	-25 ... 70 °C (248 ... 343 K)
Storage temperature	-40 ... 85 °C (233 ... 358 K)

Mechanical specifications

Protection degree	IP67
Material	
Housing	Epoxy moulding compound

Compliance with standards and directives

Standard conformity	
Protection degree	EN 60529

Notes

The surface containing the text must face the read/write head.