



Model Number

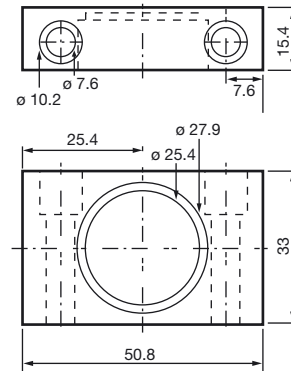
IDC-24-1K-Y94646

Data carrier

Features

- Battery-free data carrier
- 1 kBit memory
- 32 bit fixcode
- Protection degree IP67 / IP68 / IP69K
- Potted housing
- Embeddable mountable in metal

Dimensions



Technical data

General specifications

Operating frequency	250 kHz
Transfer rate	7.8 kBit/s

Memory

Chip Type	Pepperl+Fuchs
Type/Size	EEPROM 1 kBit
Read cycles	unlimited
Write cycles	> 500000
Data retention period	110 years at 25 °C (77 °F) , 18 years at 50 °C (122 °F)

Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Storage temperature	-20 ... 85 °C (-4 ... 185 °F)

Mechanical specifications

Protection degree	IP68 / IP69K
Material	
Housing	Nylotron
Encapsulation compound	Epoxy

Compliance with standards and directives

Standard conformity	
Protection degree	EN 60529