



### Model Number

**IDC-30GK-1K-T1**

Data carrier

### Features

- Battery-free data carrier
- 1 kBit memory
- Readable and writable from the printed side
- Embeddable mountable in metal
- Protection degree IP67
- Mounting with thread M30 x 1.5
- Protective cap ICS-30GK available

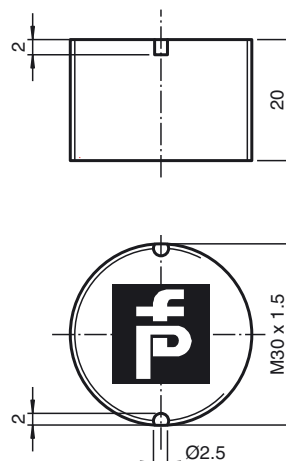
### Accessories

**IVZ-30G-EW**

**ICS-30GK**

Protective cover

### 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	> 50000 at 110 °C > 100000 at 85 °C > 500000 at 25 °C
Data retention period	6000 hours at 110 °C 18 years at 50 °C 110 years at 25 °C

#### Ambient conditions

Ambient temperature	-25 ... 110 °C (-13 ... 230 °F)
Storage temperature	-25 ... 150 °C (-13 ... 302 °F)

#### Mechanical specifications

Protection degree	IP67
Material	
Housing	PA
Encapsulation compound	CY 221/HY 2966

#### Compliance with standards and directives

Standard conformity	
Protection degree	EN 60529