Dimensions

Technical data

General specifications

Operating frequency	250 kHz
Transfer rate	7.8 kBit/s

Memory

Type/Size	ROM 64 bit (28 bit code, 36 bit data security)
Read cycles	unlimited

Ambient conditions

Ambient temperature	-25 ... 70 °C (248 ... 343 K)
Storage temperature	-25 ... 100 °C (248 ... 373 K)

Mechanical specifications

Protection degree	IP67 according to EN 60529
Material	
Housing	PP
Encapsulation compound	CY 221/HY 2966

Operating instructions for use in hazardous areas

Installation, commissioning

This product, which is categorised as intrinsically-safe, has been developed and approved for use in hazardous areas in accordance with EN 50014 and EN 50020.

The prototype test certificate and the national regulations relating to the installation of such equipment must be complied with.

Appropriate associated apparatus can be found in the Sensor Systems 1/Identification Systems catalogue from Pepperl+Fuchs GmbH.

The device must be protected from strong electromagnetic fields and mechanical damage.

Maintenance and repairs

Devices, which are operated in hazardous areas, must not be modified in any way. It is not possible to carry out repairs on these devices.
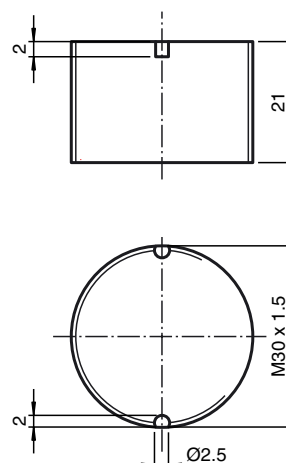

Model Number

ICC-30GK-EXIA

Code carrier for Ex-area

Features

- Battery-free code carrier for use in hazardous areas
- 28 bit fixcode
- Readable from the printed side
- Protection degree IP67
- Intrinsically safe
- Certificate of conformity
- Mounting with thread M30 x 1.5
- Protective cap ICS-30GK available

CE

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