

Flat ID Electronic Marker

#CY-GT007



Product Description

The flat ID electronic marker #CY-GT007 is a low-frequency RFID buried electronic tag with a reading distance of 160CM, a working frequency of 125khz. The detection accuracy is x-y: 30cm z: 30cm. The shell is made of HDPE engineering plastic, and the shell will not break when dropped from a height of 0.8 meters to the concrete floor.

The flat ID electronic marker #CY-GT007 can store data for 50 years, and the factory default is a read-only ID number that cannot be copied. Available in orange, red, purple, blue, green and yellow, suitable for all underground pipeline information signs.

flat ID electronic marker #CY-GT007 is a passive circuit inside, which can prevent moisture, acid and alkali, corrosion and fully resist the drastic changes of the external environment. The whole process of product processing and production adopts the ROHS standard, and the UID code is built-in at the factory.

When in use, it is buried near underground facilities. It can store the location, depth, pipe diameter, pipe material, laying date, construction unit and date of use of underground facilities, so as to facilitate the detection and identification of underground facilities in the future, and it can also help manage daily maintenance work.



Brand Owned by Technity Solutions Inc

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Technical Parameter

1、 Physical characteristics :

Size	Φ100mm*19mm±1mm
Weight	80g
Material	HDPE engineering plastic
Interior Material	Copper coil
Color	orange red purple blue green yellow

2、 Environmental characteristics :

Working temperature	-20℃~55℃
Storage temperature	-20℃~70℃
Drop test	0.8 meters high to the concrete floor, the shell does not break
Protection grade	IP68

3、 Electrical characteristics :

Data retention	More than 50 years
Working frequency	125KHZ
Memory capacity	192 Bit
ID number	global unique 10bits read only factory ID code
Read data distance	160cm
Write data distance	45cm
Detection accuracy	x-y:30cm z:30cm

Ordering Information

P/N	Product Description
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