

NK-Z2L-Plus EM/MF

Proximity reader EM Marine 125Khz/ 13.56Mhz

1. OVERVIEW

NT-Z 2LEmbedded reader is used in ACS (Access Control Systems) to transmit the code acquired from a EM-Marine standard token, via Wiegand-26 protocols.

Device casing is made from sturdy, fireproof material and shaped similarly to contact pads for DALLAS keys. This allows to use NT-Z2LEmbedded readers in ACS or as standalone without design changes or mounting difficulties.

Users can benefit from:

- Added convenience of contactless technology;
- Convenience of contactless door opening, without the need of taking keys out of wallets or pockets;
- Extensive selection of keys shapes and colours available, with the option of branding keys with own logo.

2. MOUNTING AND CONNECTION

The reader is mounted on a flat surface in a location allowing easy access to it by Proximity key fobs.

To mount a NT-Z2L reader, perform the following operations:

- Mark and drill a 20 mm hole. Insert the reader into the hole, and secure it from the rear with a mounting ring nut.
- Connect the wires to the reader, per Figures 2. When device is correctly powered, the red LED will light up.
- Insulate all wire junctions.

Note:

To achieve specified line distance (found in Specifications), a UTP cable, for example CAT5e

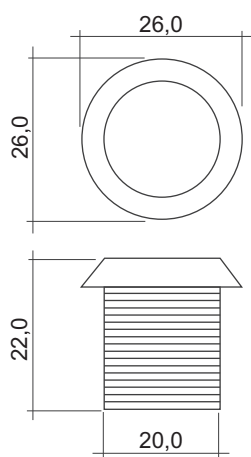


Figure 1. Device dimensions.

Red	+12V
Black	GND
Green	D0
White	D1
Yellow	LED

Figure 2. The wires purpose.

Note: To disable the permanent visual indication, cut the brown wire.

CAUTION: Using battery power for the reader requires adding a 100 Ohm resistor into the reader power feed.